

INDIANA
DEPARTMENT OF
TRANSPORTATION

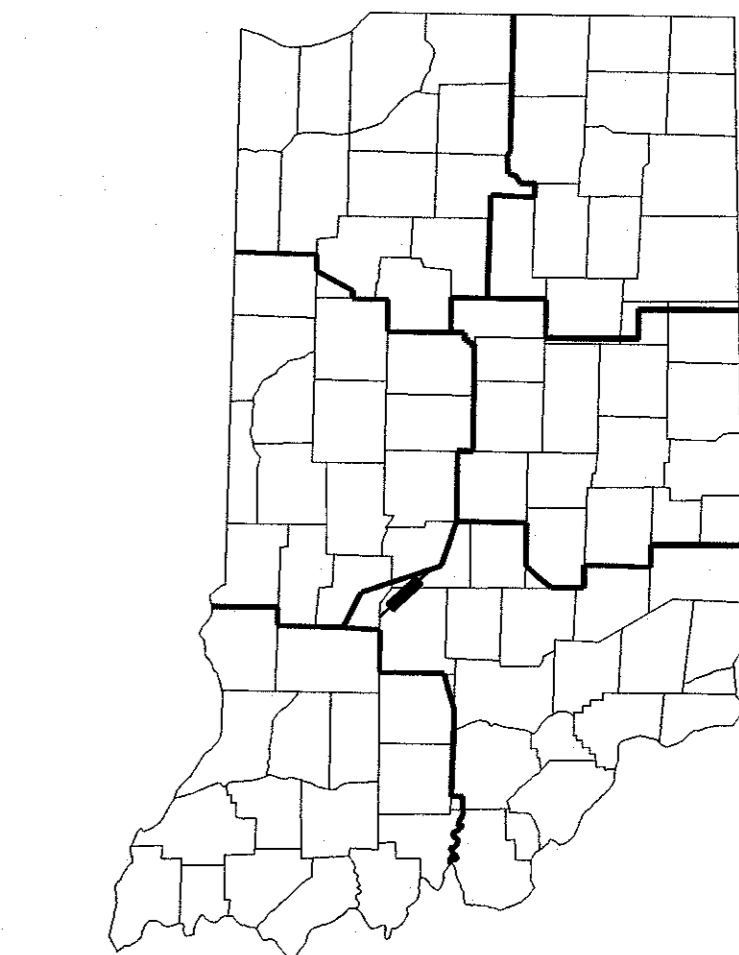
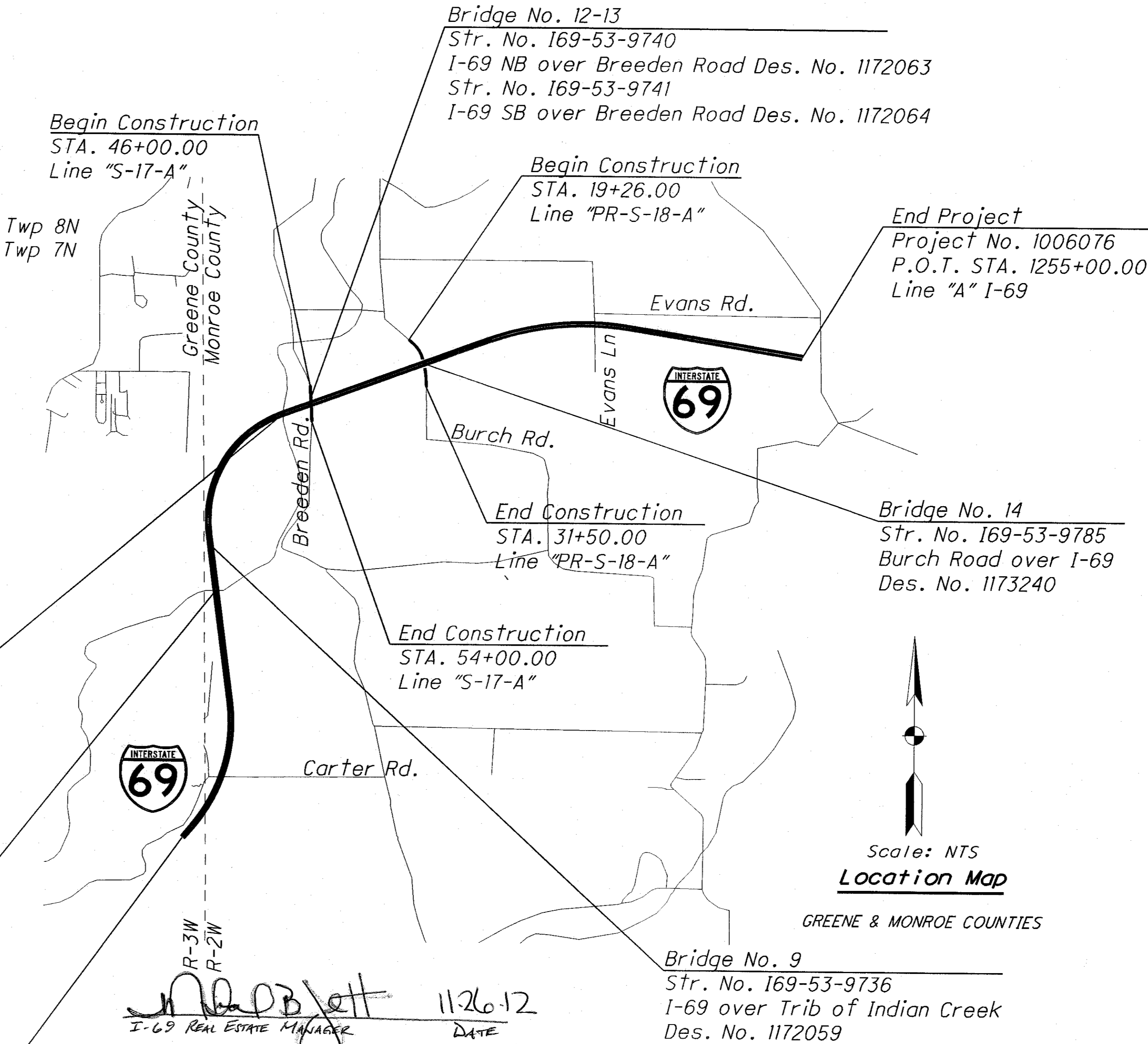
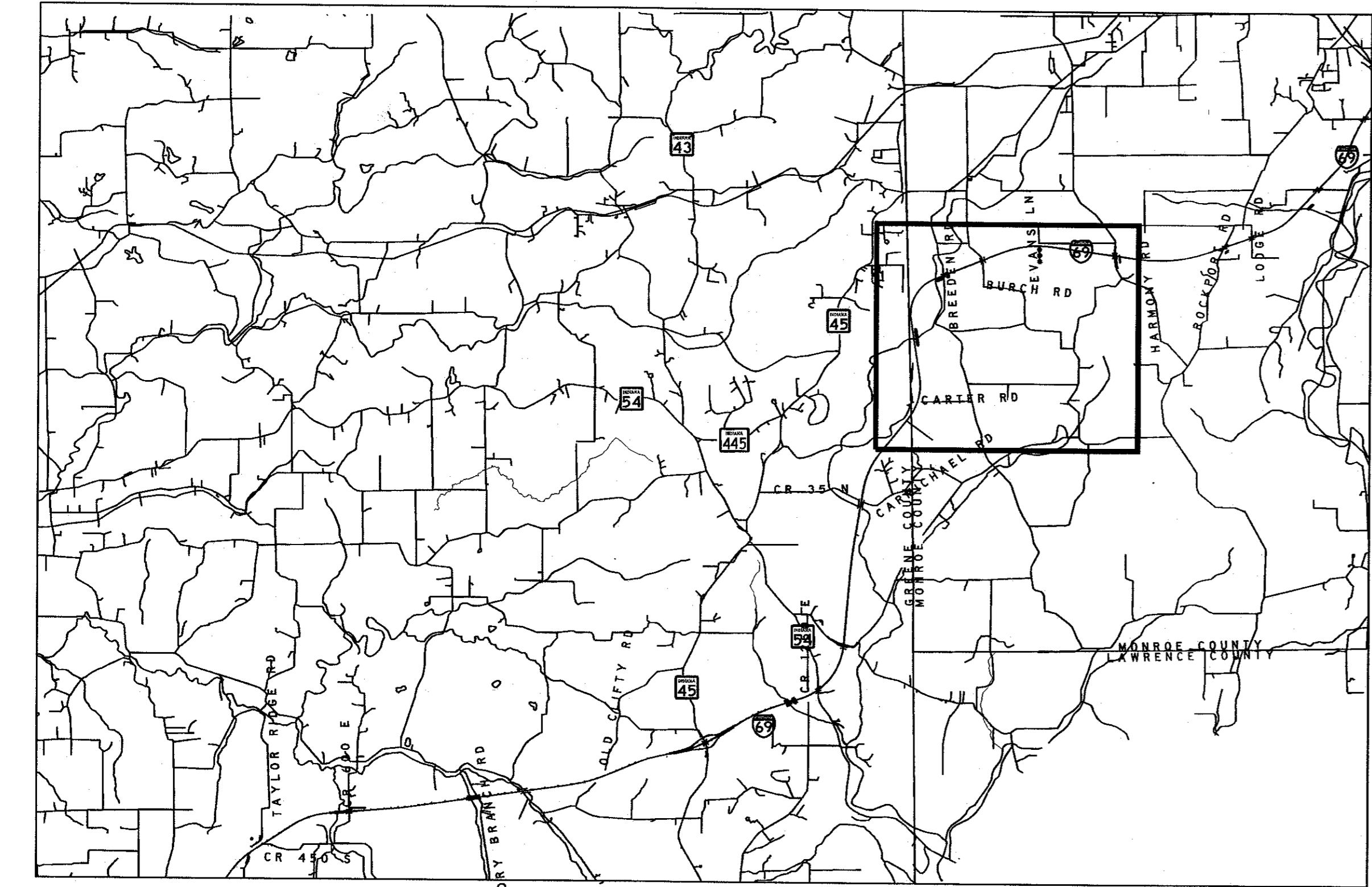
Note:
For Traffic & Design Data
See Index Sheet



RIGHT-OF-WAY PLANS

Route: I-69 From RP 104+21 To RP 108+95

Beginning at a point 1,970 feet south of Carter Road then traveling north and east at a distance of 25,200 feet to a point 531 feet west of Harmony Road located in Sections 12 & 13, T-7-N, R-3-W, Center Township, Greene County, Indiana and Sections 4, 5, 6, 7, & 18, T-7-N, R-2-W, Indian Creek Township, Monroe County, Indiana



PROJECT LOCATION SHOWN BY —

Roadway Length (I-69):	4.549 mi
Total Length (I-69):	4.773 mi
Max. Grade : (I-69)	3.332%
Project Latitude:	39° 02' 22" N
Project Longitude:	86° 41' 00" W
Hydrologic Unit Code	05120208110010 05120208110020

Bridge No. 10-11
Str. No. 169-53-9738
I-69 NB over Indian Creek Des. No. 1172061
Str. No. 169-53-9739
I-69 SB over Indian Creek Des. No. 1172062

Bridge No. 7-8
Str. No. 169-53-9734
I-69 NB over Indian Creek Des. No. 1172057
Str. No. 169-53-9735
I-69 SB over Indian Creek Des. No. 1172058

Begin Project
Project No. 1006076
P.O.T. STA. 1003+00.00
Line "A" I-69

Bridge No. 9
Str. No. 169-53-9736
I-69 over Trib of Indian Creek
Des. No. 1172059

Scale: NTS
Location Map

GREENE & MONROE COUNTIES

Final Tracings
April 11, 2012

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2012
TO BE USED WITH THESE PLANS

URS

One Indiana Square, Suite 2100
Indianapolis, IN 46204
317-532-5400

FEDERAL HIGHWAY ADMINISTRATION
U.S. DEPT. OF TRANSPORTATION
APPROVED: _____
DATE _____

DIVISION ADMINISTRATOR

PLANS
PREPARED BY: URS CORP. 317-532-5400
PHONE NUMBER
CERTIFIED BY: 4/11/2012
DATE
APPROVED FOR LEFTING: INDIANA DEPARTMENT OF TRANSPORTATION
DATE


HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	1006076
SURVEY BOOK	PAGE
ELECTRONIC / AERIAL	TSOI-S7
CONTRACT	PROJECT
IR-33740	1006076

IR-33739
Part 2 of 13

DATE: 5/8/2012
TIME: 1:08:25 PM
LOCATION: N:\Projects\25627500\Drawings\4 Trans\Transp\Good\RV\Drawings\57\Title\25627500\501-S7-RV.dgn

General Notes

xx Required General Notes

Abbreviations	
R/W	Right-of-Way
L.A. R/W	Limited Access Right-of-Way
A.C.L.	Access Control Line
C.L.T.F.	Chain Link Type Fence
F.F.T.F.	Farm Field Type Fence
APP. 	Apparent Property Line
APP. EXIST. R/W	Apparent Existing Right-of-Way
B	Begin L.A.R/W
E	End L.A.R/W
N.E.P.L.	No Evidence of Property Line
s.e.	Superelevation
P.G.	Profile Grade
P.O.R.	Point of Rotation
Rt.	Right
Lt.	Left
Inv.	Invert
Const.	Construction
W/GP	With Galvanized Post

General Notes	
xx	All Earth Shoulders, Median Areas, Cut and Fill Slopes Shall Be Plain or Mulch Seeded Except Where Sodding is Specified.
	The Final Cross Sections of Project NO.----- Shall Be The Original Cross Section For This Project, Except That partial of Complete Cross Sections Shall Be Taken if Necessary to Determine The Actual Quantities of Excavation. Paper Relocation is to be Cross Sectioned by The Engineer Before Construction.
	Existing Asphalt is Located Outside the Construction Limits, between Station ----- and Station ----- Shall Be Removed as Directed.
	The Quantity of Peat Excavation as Shown on the Plans has Been Estimated on the Basis of Theoretical Cross Sections by Using Method "A" Where it Applies, and Method "B" Where it Applies.
xx	Minimum Grade For Underdrains Shall Be 0.20%, Where The Profile Grade Is Less Than 0.20% Special Grades For Underdrains Shall Be Established By The Engineer.

[illegible]

<u>Telecommunications</u>	<u>Water</u>
<p>Smithville Communications, Inc. Perry Gater 1600 W. Temperence St. Ellettsville, IN 47429 Phone: 812-935-2383 Email: pgater@smithville.net</p>	<p>Eastern Heights Utilities, Inc. Kenny McIntosh 316 N. Washington St. Bloomfield, IN 47424 Phone: 812-384-8261 Email: ehuwater@wispaninternet.com</p>
<u>Electric</u>	<u>Van Buren Water</u>
<p>Utilities District of Western Indiana REMC David Patterson 1666 W. State Road 54 Bloomfield, IN 47424 Phone: 812-384-4446 (x233) Email: dpatterson@udwiremc.com</p>	<p>Michael Farmer 4385 West State Road 45 Bloomington, IN 47401 Phone: 812-825-9760 mfarmer@bunumfanyo.com</p>

[illegible][illegible]

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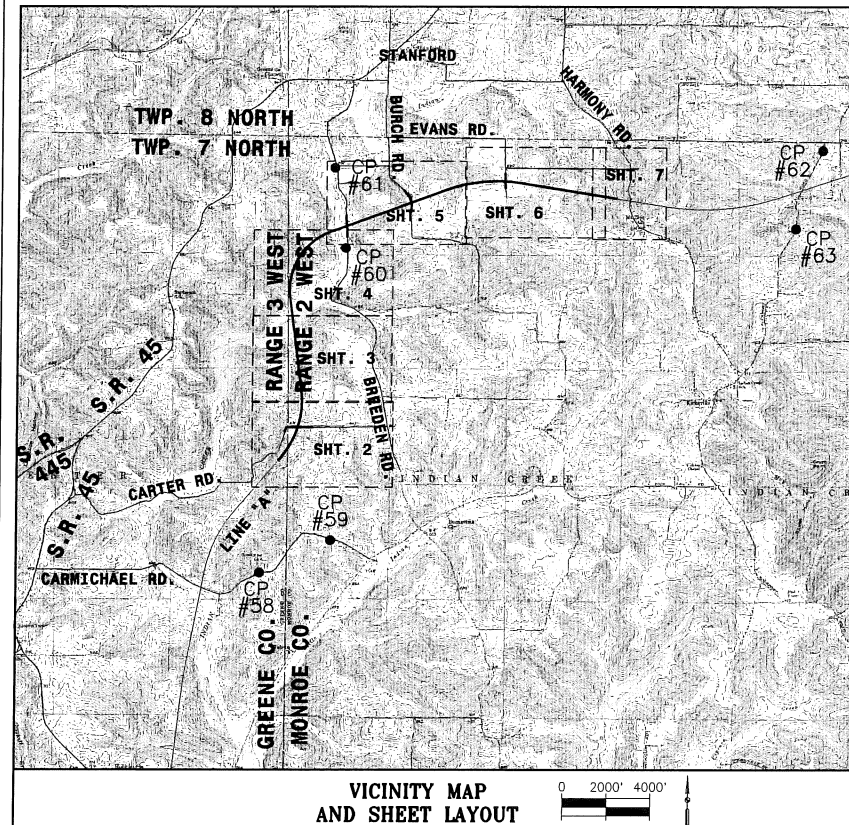
RECOMMENDED FOR APPROVAL		4/11/2012 DATE
DESIGN ENGINEER		
DESIGNED: CSP	DRAWN: ETD	
CHECKED: AJD	CHECKED: WJW	

INDIANA DEPARTMENT OF TRANSPORTATION
<i>INDEX & GENERAL NOTES</i> <i>I-69 / Section 4 / Segment 7</i>

HORIZONTAL SCALE	BRIDGE FILE	
VERTICAL SCALE	DESIGNATION	
	1006076	
SURVEY BOOK	PAGE	SHEETS
ELECTRONIC / AERIAL	IX-01	2 of 71
CONTRACT	PROJECT	
IR-33739	1006076	

INDEX OF LOCATION CONTROL ROUTE SURVEY SHEETS

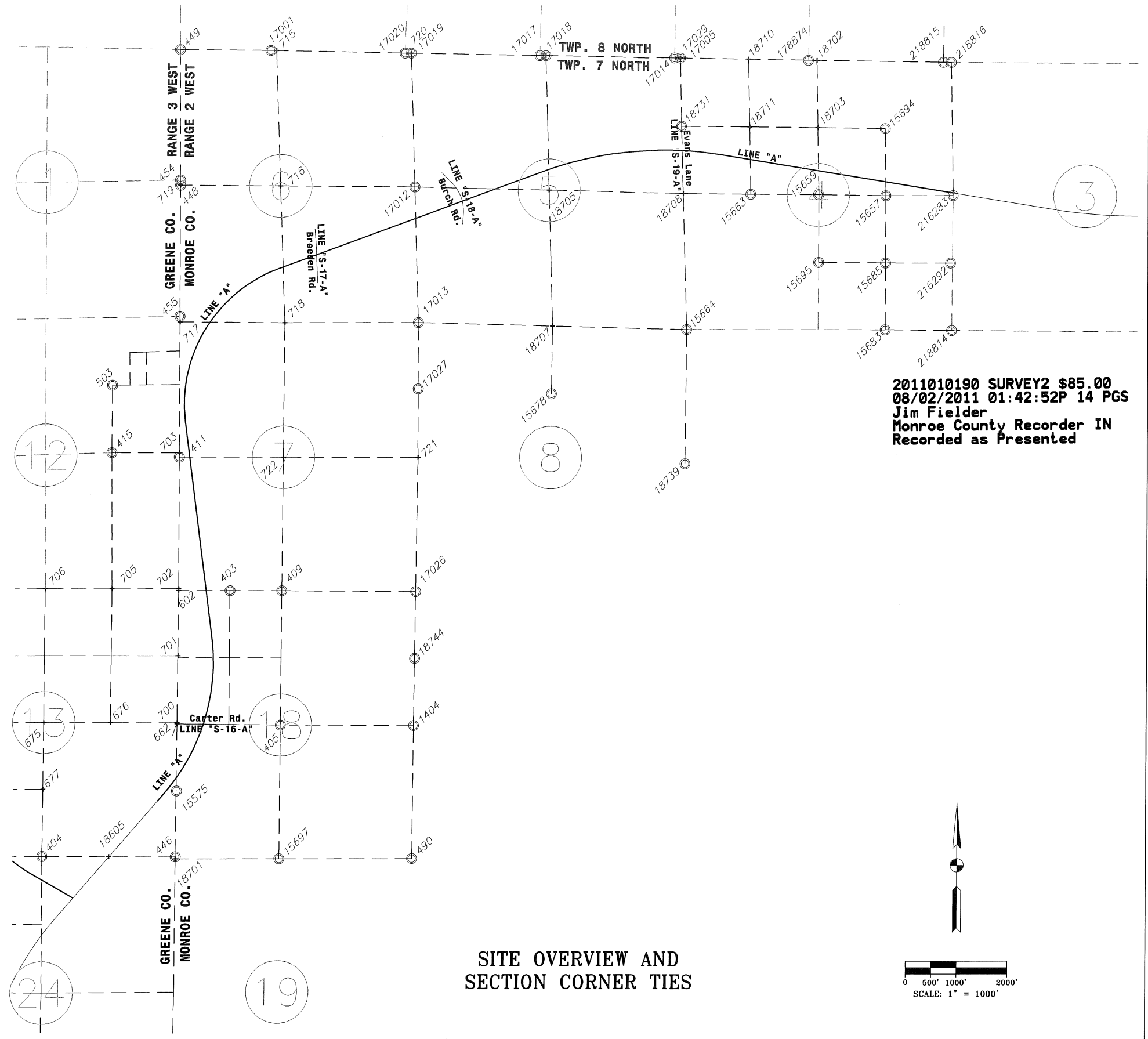
Plan view sheets	Sheets 2-7
Primary Control Point Data	Sheet 7
Sheets with Reference Ties (From Tier 1 EIS), & Primary Control Point Coordinate Listing	
Baseline Control Reference Ties.....	Sheet 8
Surveyor's Report.....	Sheets 9-10
Section & Property Corner Evidence Coordinate Listing	
Sheet 11	
Section Corner Reference Ties	Sheets 12-14



SOCIAL SECURITY NUMBER REDACTION STATEMENT

I affirm, under the penalties for perjury, that I have taken reasonable care to redact each social security number in this document, unless required by law.

Matthew G. Berger
Matthew G. Berger



Prepared By



**BERNARDIN • LOCHMUELLER
& ASSOC., INC.**
6200 Vogel Road Evansville, Indiana 47715
(812)479-6200 / fax: (812)479-6262

SURVEY STARTED

3/10/2011

SURVEY COMPLETED

5/26/2011

ROUTE SURVEY SHEETS

1 of 14

SURVEYOR'S PROJECT NO.

110-0114-1HY

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PRECEDENCE OF THIS STATE'S SURVEYING ACTS AND RULES. I HAVE TAKEN REASONABLE CARE TO REDACT EACH SOCIAL SECURITY NUMBER IN THIS DOCUMENT, UNLESS REQUIRED BY LAW.

RECOMMENDED FOR APPROVAL

7/27/2011

DATE

COVERING: ALIGNMENTS

PERRY E. JONES

REGISTERED

NO. 9600016

STATE OF

INDIANA

LAND SURVEYOR

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PRECEDENCE OF THIS STATE'S SURVEYING ACTS AND RULES. I HAVE TAKEN REASONABLE CARE TO REDACT EACH SOCIAL SECURITY NUMBER IN THIS DOCUMENT, UNLESS REQUIRED BY LAW.

RECOMMENDED FOR APPROVAL

7/27/2011

DATE

COVERING: SECTION CORNERS

MATTHEW G. BERGER

REGISTERED

No. LS20050011

STATE OF

INDIANA

LAND SURVEYOR

Prepared for the

INDIANA

DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY

1-69 / SECTION 4 / SEGMENT 7

HORIZONTAL SCALE

1" = 1000'

COUNTY

GREENE AND MONROE

SURVEY BOOK

3 of 71

CONTRACT

1006076

BRIDGE FILE

DESIGNATION

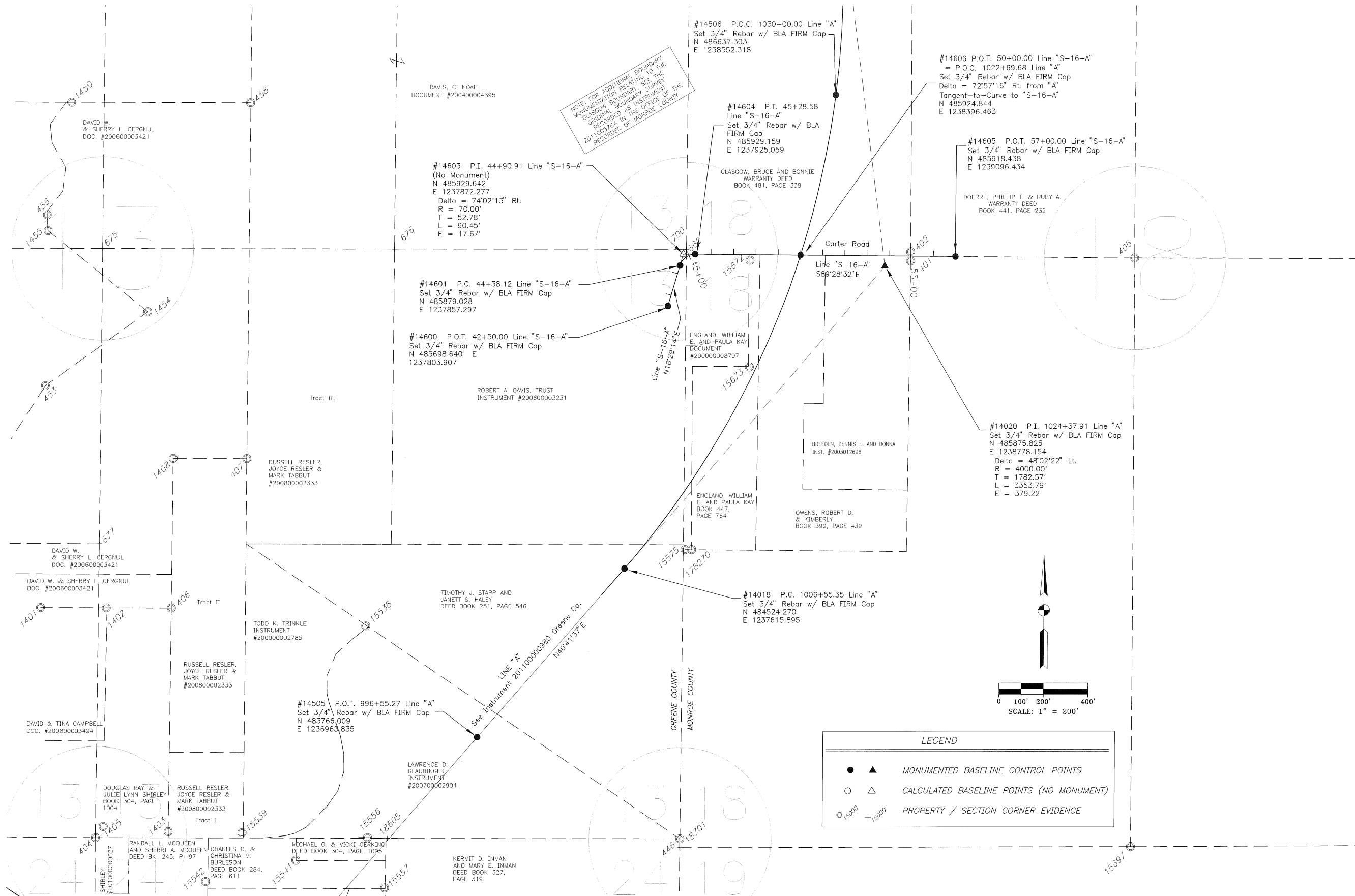
1006076

PLAN SHEETS

3 of 71

PROJECT

1006076



S:\Projects\110-0114\Survey\ROUTE PLATS - SURVEY BOOKS\SEGMENT7\SEG7LGRS.dwg 07/27/11 11:25 bddger Coord Sys: 1-89 East Zone

Prepared By



BERNARDIN LOCHMUELLER & ASSOC., INC.
6200 Vogel Road
Evansville, Indiana 47715
(812)479-6200 / fax: (812)479-6262

SURVEY STARTED

3/10/2011

SURVEY COMPLETED

5/26/2011

ROUTE SURVEY SHEETS

2 of 14

SURVEYOR'S PROJECT NO.

110-0114-1HY

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF IND. I.A.C. 1-13-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

7/27/2011

COVERING: ALIGNMENTS



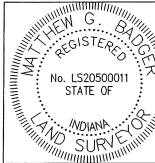
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RECOMMENDED FOR APPROVAL

7/27/2011

COVERING: SECTION CORNERS



Prepared for the

INDIANA

DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY

I-69 / SECTION 4 / SEGMENT 7

HORIZONTAL SCALE

1" = 200'

COUNTY

GREENE AND MONROE

SURVEY BOOK

4

CONTRACT

BRIDGE FILE

DESIGNATION

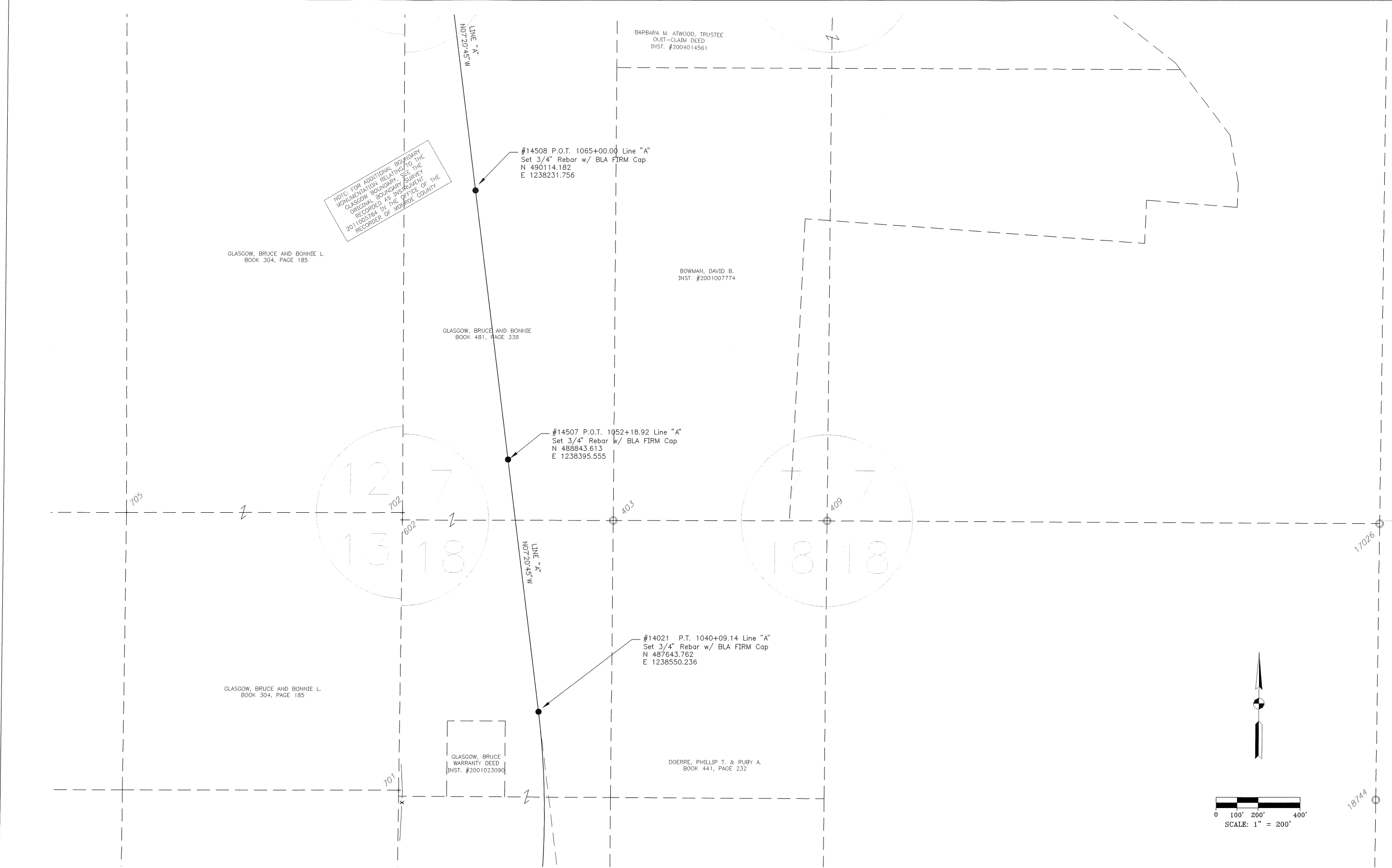
1006076

PLAN SHEETS

4 of 71

PROJECT

1006076



Prepared By BERNARDIN • LOCHMUELLER & ASSOC., INC. 6200 Vogel Road Evansville, Indiana 47715 (812)479-6200 / fax: (812)479-6262	SURVEY STARTED 3/10/2011 SURVEY COMPLETED 5/26/2011 ROUTE SURVEY SHEETS 3 of 14 SURVEYOR'S PROJECT NO. 110-0114-1HY	FIELD SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROCEEDINGS OF IND. S.A.C. 1-10-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY. RECOMMENDED FOR APPROVAL <i>Barry E. Jones</i> 7/27/2011 REGISTERED LAND SURVEYOR DATE COVERING: ALIGNMENTS	FIELD SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROCEEDINGS OF IND. S.A.C. 1-10-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY. RECOMMENDED FOR APPROVAL <i>Matthew G. Badger</i> 7/27/2011 REGISTERED LAND SURVEYOR DATE COVERING: SECTION CORNERS	Prepared for the INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY I-69 / SECTION 4 / SEGMENT 7	<table><tr><td>HORIZONTAL SCALE 1" = 200'</td><td>BRIDGE FILE</td></tr><tr><td>COUNTY GREENE AND MONROE</td><td>DESIGNATION 1006076</td></tr><tr><td>SURVEY BOOK CONTRACT</td><td>PLAN SHEETS 5 of 71 PROJECT 1006076</td></tr></table>	HORIZONTAL SCALE 1" = 200'	BRIDGE FILE	COUNTY GREENE AND MONROE	DESIGNATION 1006076	SURVEY BOOK CONTRACT	PLAN SHEETS 5 of 71 PROJECT 1006076
	HORIZONTAL SCALE 1" = 200'	BRIDGE FILE									
COUNTY GREENE AND MONROE	DESIGNATION 1006076										
SURVEY BOOK CONTRACT	PLAN SHEETS 5 of 71 PROJECT 1006076										

MELBA E. CORNWELL &
LEIGH E. SIDDIOI
DOCUMENT #2009013826

NOTE: FOR ADDITIONAL BOUNDARY
MONUMENTATION RELATING TO THE
CORNWELL/SIDDIOI BOUNDARIES, SEE
THE BOUNDARY RETRACEMENT
SURVEY RECORDED AS INSTRUMENT
2011008104 IN THE OFFICE OF THE
RECORDER OF MONROE COUNTY

#14024 P.I. 1105+13.10 Line "A"
(No Monument)
N 494094.341
E 1237718.645
Delta = 77°18'03" Rt.
R = 2800.00'
T = 2239.24'
L = 3777.63'
E = 785.28'

#14025 P.T. 1120+51.48 Line "A"
Set 3/4" Rebar w/ BLA FIRM Cap
N 494861.866
E 1239822.240

ADAMS FAMILY TRUST
QUIT CLAIM
BOOK 408, PAGE 699

#14550 P.O.C. 1109+00.00 Line "A"
Set 3/4" Rebar w/ BLA FIRM Cap
N 494258.906
E 1238850.765

McCONNELL, DAVID R. AND MARCIA L.
WARRANTY DEED
BOOK 485, PAGE 336

SWOAPE, MARY LISA
BOOK 456, PAGE 352

#14509 P.O.C. 1093+00.00 Line "A"
Set 3/4" Rebar w/ BLA FIRM Cap
N 492892.346
E 1238061.078

#14022 P.C. 1082+73.85 Line "A"
Set 3/4" Rebar w/ BLA FIRM Cap
N 491873.478
E 1238004.953

BARBARA M. ATWOOD, TRUSTEE
INST. #2004014561

#14705 P.O.T. 55+50.00 Line "S-17-A"
Set Mag Nail w/ BLA FIRM Washer 2" Below Grade
N 494577.918
E 1240568.817

MELBA E. CORNWELL & LEIGH E. SIDDIOI
DOCUMENT #2009013826

FUNKHOUSER, ROGER & NAOMI
BOOK 464, PAGE 618 AND 620



0 100' 200' 400'
SCALE: 1" = 200'

Prepared By



**BERNARDIN • LOCHMUELLER
& ASSOC., INC.**
8200 Vogel Road
Evansville, Indiana 47715
(812)479-6200 / fax: (812)479-6262

SURVEY STARTED

3/10/2011

SURVEY COMPLETED

5/26/2011

ROUTE SURVEY SHEETS

4 of 14

SURVEYOR'S PROJECT NO.

110-0114-1HY

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS CONDUCTED
ACCORDING TO THE PROVISIONS OF IND. S.A.C. 1-12-20 REGARDING ROUTE
SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR
DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING
PARCELS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

Barry E. Jones 7/27/2011

REGISTERED LAND SURVEYOR DATE

COVERING: ALIGNMENTS



FIELD SURVEYOR STATEMENT

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ACCORDING TO THE PROVISIONS OF IND. S.A.C. 1-12-20 REGARDING ROUTE
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PARCELS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

Matthew G. Badger 7/27/2011

REGISTERED LAND SURVEYOR DATE

COVERING: SECTION CORNERS



Prepared for the

INDIANA

DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY

I-69 / SECTION 4 / SEGMENT 7

HORIZONTAL SCALE

1" = 200'

COUNTY

GREENE AND MONROE

SURVEY BOOK

6

CONTRACT

BRIDGE FILE

DESIGNATION

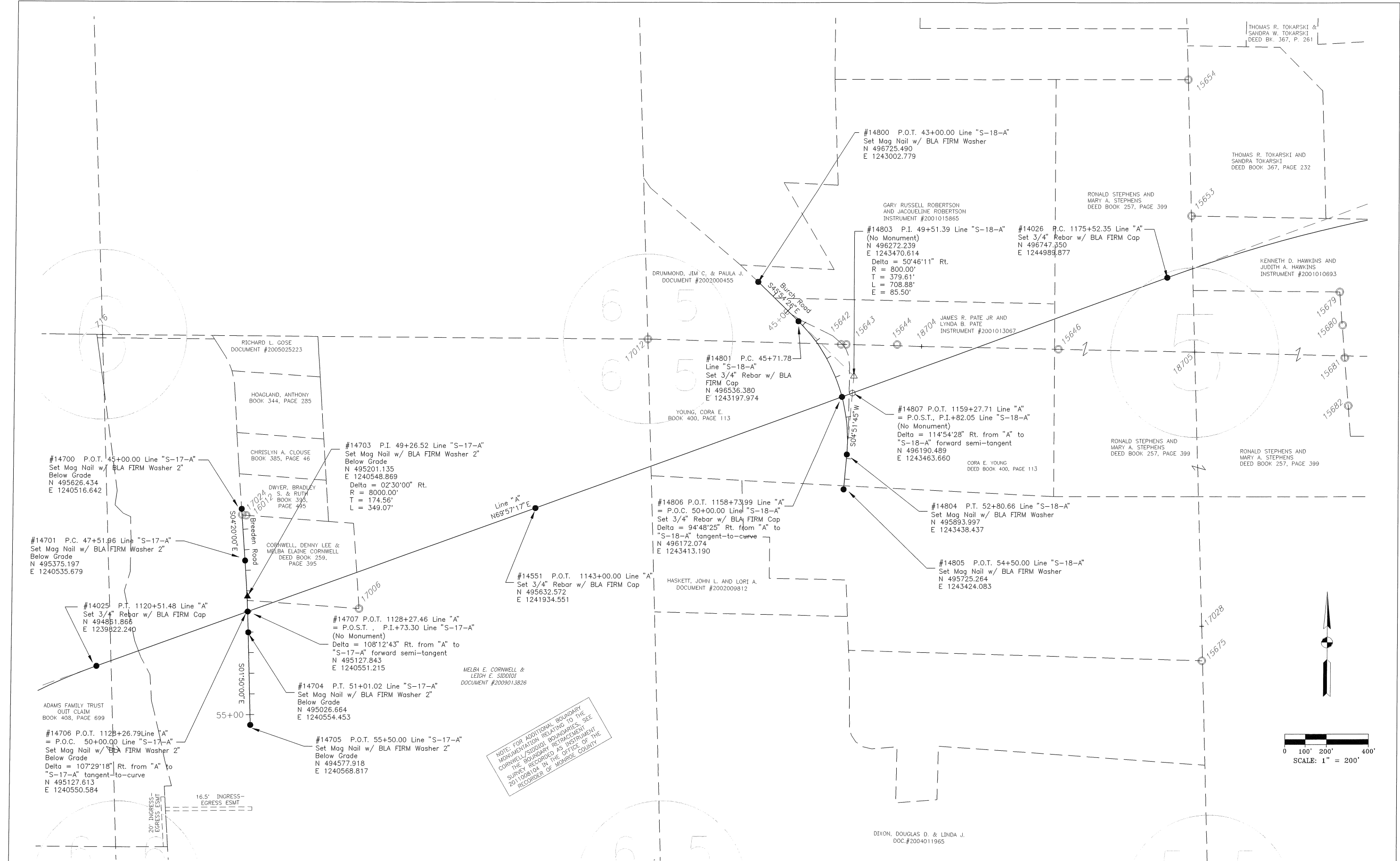
1006076

PLAN SHEETS

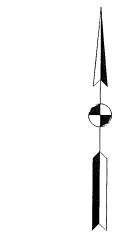
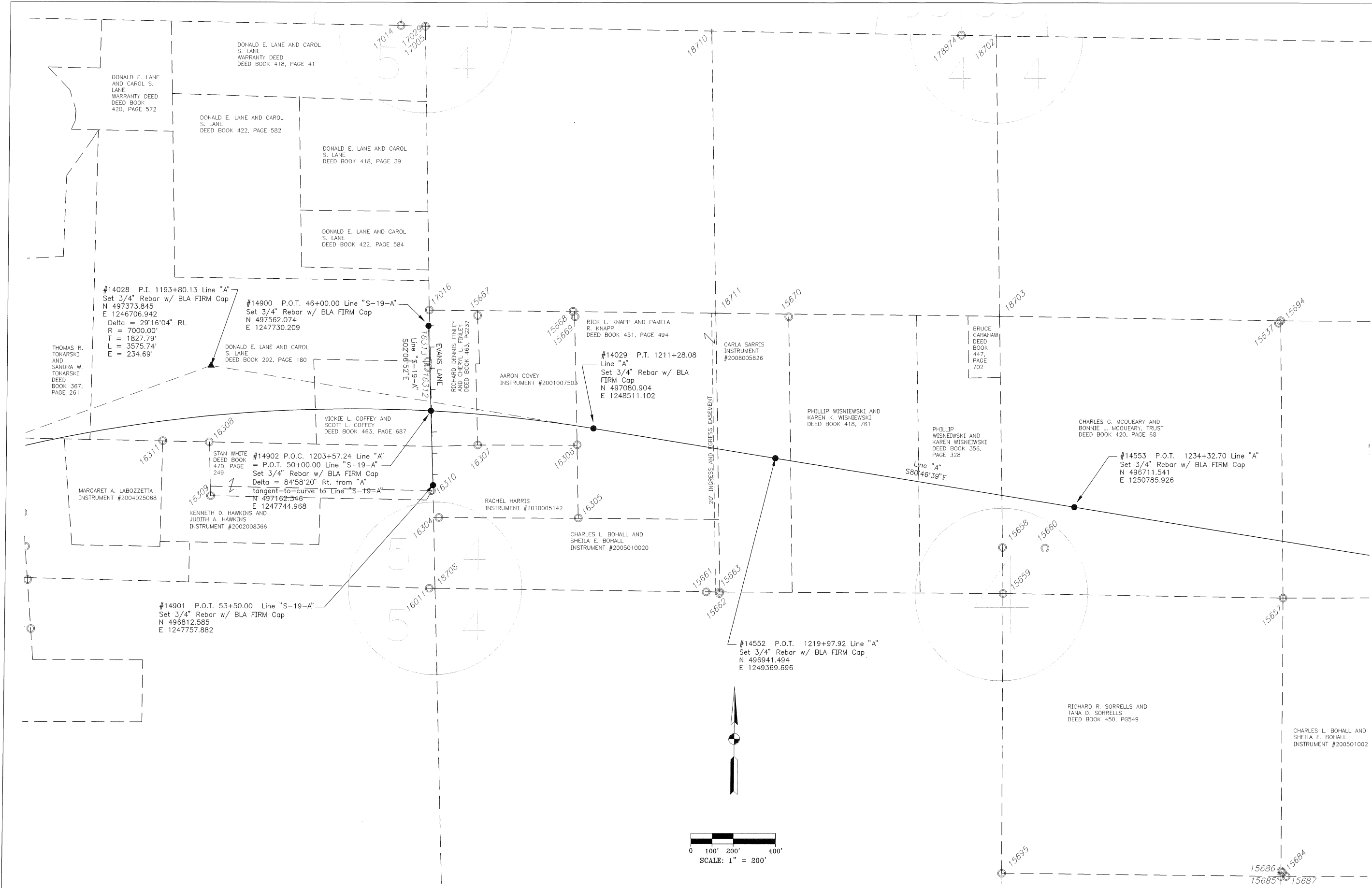
6 of 71

PROJECT

1006076



Prepared By BERNARDIN • LOCHMUELLER & ASSOC., INC. 6200 Vogel Road Evansville, Indiana 47715 (812)479-6200 / fax: (812)479-6262	SURVEY STARTED 3/10/2011 SURVEY COMPLETED 5/26/2011	FIELD SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROCEEDINGS OF THIS BOARD, 1-15-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR REDESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY. RECOMMENDED FOR APPROVAL <i>Ernie E. Jones</i> 7/27/2011 REGISTERED LAND SURVEYOR COVERING: ALIGNMENTS	FIELD SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROCEEDINGS OF THIS BOARD, 1-15-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR REDESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY. RECOMMENDED FOR APPROVAL <i>Matthew A. Jones</i> 7/27/2011 REGISTERED LAND SURVEYOR COVERING: SECTION CORNERS	Prepared for the INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY I-69 / SECTION 4 / SEGMENT 7	<table border="1"><tr><td>HORIZONTAL SCALE 1" = 200'</td><td>BRIDGE FILE</td></tr><tr><td>COUNTY GREENE AND MONROE</td><td>DESIGNATION 1006076</td></tr><tr><td>SURVEY BOOK</td><td>PLAN SHEETS</td></tr><tr><td></td><td>7 of 71</td></tr><tr><td>CONTRACT</td><td>PROJECT 1006076</td></tr></table>	HORIZONTAL SCALE 1" = 200'	BRIDGE FILE	COUNTY GREENE AND MONROE	DESIGNATION 1006076	SURVEY BOOK	PLAN SHEETS		7 of 71	CONTRACT	PROJECT 1006076
	HORIZONTAL SCALE 1" = 200'	BRIDGE FILE													
COUNTY GREENE AND MONROE	DESIGNATION 1006076														
SURVEY BOOK	PLAN SHEETS														
	7 of 71														
CONTRACT	PROJECT 1006076														



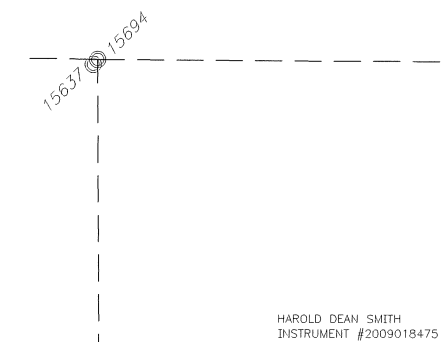
0 100' 200' 400'
SCALE: 1" = 200'

Prepared By BERNARDIN • LOCHMUELLER & ASSOC., INC. 6200 Vogel Road Evansville, Indiana 47715 (812)479-6200 / fax: (812)479-6262	ROUTE SURVEY SHEETS 6 of 14 SURVEYOR'S PROJECT NO. 110-0114-1HY	FIELD SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS CONDUCTED ACCORDING TO THE PRESCRIPTIONS OF IND. S.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY. RECOMMENDED FOR APPROVAL <i>Perry E. Jones</i> 7/27/2011 REGISTERED LAND SURVEYOR COVERING: ALIGNMENTS	FIELD SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS CONDUCTED ACCORDING TO THE PRESCRIPTIONS OF IND. S.A.C. 1-12-20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY. RECOMMENDED FOR APPROVAL <i>Matthew G. Badger</i> 7/27/2011 REGISTERED LAND SURVEYOR COVERING: SECTION CORNERS	Prepared for the INDIANA DEPARTMENT OF TRANSPORTATION LOCATION CONTROL ROUTE SURVEY I-69 / SECTION 4 / SEGMENT 7	HORIZONTAL SCALE 1" = 200' COUNTY GREENE AND MONROE SURVEY BOOK 8 of 71 CONTRACT PROJECT 1006076
	INDIANA REGISTERED NO. 9600016 STATE OF INDIANA LAND SURVEYOR		INDIANA REGISTERED No. LS20500011 STATE OF INDIANA LAND SURVEYOR		BRIDGE FILE DESIGNATION 1006076 PLAN SHEETS 8 of 71 PROJECT 1006076

COORDINATE LISTING: PROJECT COORDINATES FOR PRIMARY CONTROL MONUMENTS

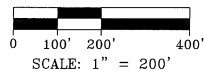
PT. #	I-69 EAST ZONE COORDINATES (THIS SURVEY)		INDIANA WEST ZONE (1302) STATE PLANE COORDINATES		NAVD' 88 ELEV.	DESCRIPTION
	NORTHING	EASTING	NORTHING	EASTING		
58	479264.187	1236764.176	1375879.44	3065636.24	833.70	I-69 CONTROL MON. #58
59	480713.198	1240002.677	1377351.95	3068863.93	797.09	I-69 CONTROL MON. #59
60	494053.047	1240571.269	1390694.93	3069335.19	679.61	I-69 CONTROL MON. #60
61	497730.518	1240082.337	1394368.55	3068819.46	703.85	I-69 CONTROL MON. #61
62	498387.486	1262126.549	1395186.34	3090857.30	748.08	I-69 CONTROL MON. #62
63	494820.999	1260916.099	1391611.26	3089672.95	741.23	I-69 CONTROL MON. #63

PRIMARY CONTROL POINT MONUMENT DATA SHEETS TAKEN FROM TIER 1
ENVIRONMENTAL IMPACT STUDY (Des. 9906000).
SEE LISTING ABOVE FOR PROJECT COORDINATES OF THESE MONUMENTS



#14554 P.O.T. 1249+00.00 Line "A"
Set 3/4" Rebar w/ BLA FIRM Cap
N 496476.376
E 1252234.259

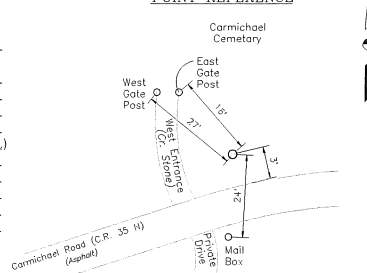
CHARLES L. BOHALL AND
SHEILA E. BOHALL
INSTRUMENT #2005010020

HORIZONTAL/VERTICAL CONTROL MONUMENT
REFERENCE

Location: Stanford Quad County: Greene
Sec. 24, T. 7N, R. 3W
Control Point: 58 Horizontal Datum: WGS 1984
Horizontal Datum: NAD83 (1997) Latitude: 39°01'30.71908"
Indiana State Plane West Longitude: 86°41'09.53604"
Northing: 1375879.44 Ellipsoidal Height: 725.59'
Easting: 3065636.24 Horizontal Datum: UTM 16 NAD83 (PL)
Vertical Datum: NAVD88 Northing: 14171953.07
Elevation: 833.70' Easting: 1729595.39
Comments: -

Control Point #58

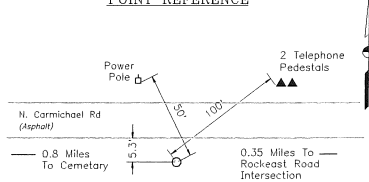
POINT REFERENCE

HORIZONTAL/VERTICAL CONTROL MONUMENT
REFERENCE

Location: Stanford Quad County: Monroe
Sec. 12, T. 7N, R. 2W
Control Point: 59 Horizontal Datum: WGS 1984
Horizontal Datum: NAD83 (1997) Latitude: 39°01'45.13215"
Indiana State Plane West Longitude: 86°40'28.55278"
Northing: 1377351.95 Ellipsoidal Height: 688.96'
Easting: 3068863.93 Horizontal Datum: UTM 16 NAD83 (PL)
Vertical Datum: NAVD88 Northing: 14179422.07
Elevation: 797.09' Easting: 1732823.23
Comments: -

Control Point #59

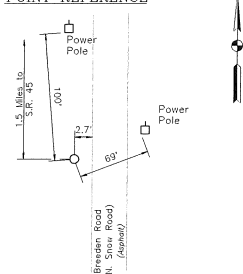
POINT REFERENCE

HORIZONTAL/VERTICAL CONTROL MONUMENT
REFERENCE

Location: Stanford Quad County: Monroe
Sec. 6, T. 7N, R. 2W
Control Point: 60 Horizontal Datum: WGS 1984
Horizontal Datum: NAD83 (1997) Latitude: 39°03'56.99371"
Indiana State Plane West Longitude: 86°40'21.81753"
Northing: 1390694.93 Ellipsoidal Height: 571.46'
Easting: 3069335.19 Horizontal Datum: UTM 16 NAD83 (PL)
Vertical Datum: NAVD88 Northing: 14186759.64
Elevation: 679.61' Easting: 1733308.53
Comments: .20' from top of access cover to datum point.

Control Point #60

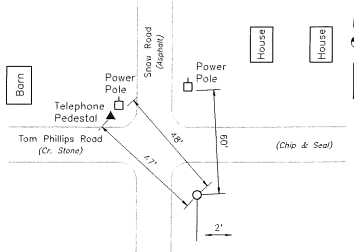
POINT REFERENCE

HORIZONTAL/VERTICAL CONTROL MONUMENT
REFERENCE

Location: Stanford Quad County: Monroe
Sec. 6, T. 7N, R. 2W
Control Point: 61 Horizontal Datum: WGS 1984
Horizontal Datum: NAD83 (1997) Latitude: 39°04'33.32678"
Indiana State Plane West Longitude: 86°40'28.14679"
Northing: 1394368.55 Ellipsoidal Height: 585.71'
Easting: 3068819.46 Horizontal Datum: UTM 16 NAD83 (PL)
Vertical Datum: NAVD88 Northing: 14190432.37
Elevation: 703.85' Easting: 1732794.36
Comments: .12' from top of access cover to datum point.

Control Point #61

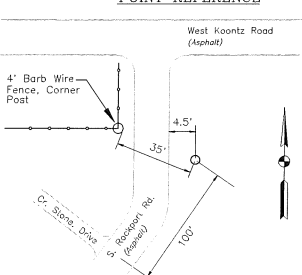
POINT REFERENCE

HORIZONTAL/VERTICAL CONTROL MONUMENT
REFERENCE

Location: Clear Creek Quad County: Monroe
Sec. 1, T. 7N, R. 2W
Control Point: 62 Horizontal Datum: WGS 1984
Horizontal Datum: NAD83 (1997) Latitude: 39°04'40.33695"
Indiana State Plane West Longitude: 86°35'48.64264"
Northing: 1395186.34 Ellipsoidal Height: 639.76'
Easting: 3090857.30 Horizontal Datum: UTM 16 NAD83 (PL)
Vertical Datum: NAVD88 Northing: 14191229.65
Elevation: 748.08' Easting: 1754824.72
Comments: 0.62' from top of access cover to datum point.

Control Point #62

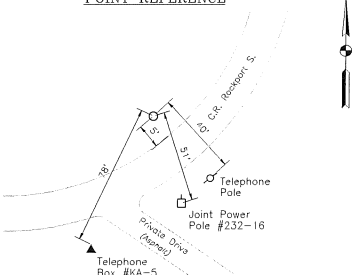
POINT REFERENCE

HORIZONTAL/VERTICAL CONTROL MONUMENT
REFERENCE

Location: Clear Creek Quad County: Monroe
Sec. 1, T. 7N, R. 2W
Control Point: 63 Horizontal Datum: WGS 1984
Horizontal Datum: NAD83 (1997) Latitude: 39°04'05.06360"
Indiana State Plane West Longitude: 86°36'03.90148"
Northing: 1391611.26 Ellipsoidal Height: 632.93'
Easting: 3089672.95 Horizontal Datum: UTM 16 NAD83 (PL)
Vertical Datum: NAVD88 Northing: 14187857.00
Elevation: 741.23' Easting: 1753637.54
Comments: -

Control Point #63

POINT REFERENCE



Prepared By



**BERNARDIN • LOCHMUELLER
& ASSOC., INC.**
6200 Vogel Road
Evansville, Indiana 47715
(812)479-6200 / fax: (812)479-6262

SURVEY STARTED

3/10/2011

SURVEY COMPLETED

5/26/2011

ROUTE SURVEY SHEETS

7 of 14

SURVEYOR'S PROJECT NO.

110-0114-1HY

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED
ACCORDING TO THE PROVISIONS OF IND. I.A.C. 1-15-20 REGARDING POINT
SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR
RECEPTION OF ANY NEW MONUMENTS TO BE ACQUIRED OR THE EXISTING
MONUMENTS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

Timothy E. Jones 7/27/2011
REGISTERED LAND SURVEYOR DATE

COVERING: ALIGNMENTS

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED
ACCORDING TO THE PROVISIONS OF IND. I.A.C. 1-15-20 REGARDING POINT
SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR
RECEPTION OF ANY NEW MONUMENTS TO BE ACQUIRED OR THE EXISTING
MONUMENTS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

Matthew G. Badger 7/27/2011
REGISTERED LAND SURVEYOR DATE

COVERING: SECTION CORNERS

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED
ACCORDING TO THE PROVISIONS OF IND. I.A.C. 1-15-20 REGARDING POINT
SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR
RECEPTION OF ANY NEW MONUMENTS TO BE ACQUIRED OR THE EXISTING
MONUMENTS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

Matthew G. Badger 7/27/2011
REGISTERED LAND SURVEYOR DATE

COVERING: SECTION CORNERS

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED
ACCORDING TO THE PROVISIONS OF IND. I.A.C. 1-15-20 REGARDING POINT
SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR
RECEPTION OF ANY NEW MONUMENTS TO BE ACQUIRED OR THE EXISTING
MONUMENTS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

Matthew G. Badger 7/27/2011
REGISTERED LAND SURVEYOR DATE

COVERING: SECTION CORNERS

Prepared for the

INDIANA

DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY

I-69 / SECTION 4 / SEGMENT 7

HORIZONTAL SCALE

N / A

COUNTY

GREENE AND MONROE

SURVEY BOOK

9 of 71

CONTRACT

PROJECT

BRIDGE FILE

DESIGNATION

1006076

PLAN SHEETS

9 of 71

PROJECT

1006076

POINT #18,707 (South Quarter–Corner, Section 5): No monument or geographic location was found in the Monroe County Surveyor's current Section Corner Perpetuation records for this Corner. Upon requesting information supplemental to the Tie Sheet information, Kent Enright, Monroe County Surveyor offered a copy of the Office's field notes, i.e. "fb37pg11.pdf" as well as the Lee Utt survey discussed above in the POINT #17,028 (Southeast Corner, Northeast Quarter, Southwest Quarter, Section 5). The field notes from Kevin make mention that Douglas Dixon (western landowner, who has lived at this location for many years) has never known of a monument witnessing this Corner. The notes also made mention of a "metal fence post 2' east of fence" as well as noting that the best local evidence is a row trees approximately 200–feet to the east. The aforesaid Lee Utt survey noted a "found stone" at the Southeast Corner of the Southwest Quarter of Section 5. An 8–inch X 10–inch stone with no distinct markings/etchings/carvings/etc. was found 2–inches below approximately 5.2–feet east and 1.3–feet north of the location calculated from the two–dimensional conformal transformation noted in the POINT #17,028 discussion above. Typically, stones placed in the past by County Surveyors to perpetuate the location of the Original Posts set by the Original Surveyors were set above grade for ease in latter recovery by others. Since the Monroe County Surveyor had no records as to that Office perpetuating this record, and said stone had no markings and was found subsurface in a wooded and remote area, it was decided to further investigate the position of this stone with other PLSS markers to the north, east south and west to determine its proportionate fit therewith, or if another location may prove a better fit. To the north, projecting a line southerly that begins at POINT #18,705 (Center of Section 5), passes through POINT #17,028 (Southeast Corner, Northeast Quarter, Southwest Quarter, Section 5) and terminates at a doubled–distance therefrom (POINT #18,705–POINT #17,028) falls at a location approximately 2.8–feet east and 82.7–feet south of said stone, but does fall within a few feet east/west of a meandering north/south fence line. To the east and west, no monuments were found marking the Southeast Corner of the Southwest Quarter of the Southeast Quarter of Section 5, or the Southwest Corner of the Southeast Quarter of the Southwest Quarter of Section 5, but it should be noted that the northing components of the Southeast and Southwest Corners of Section 5 (POINT #15,664 and POINT #17,013 respectively) vary approximately 132.4–feet (about two chains). According to the Original Survey Notes, when the Original Surveyors began at the Southwest Corner of Section 5 and ran east on a random line to the Southeast Corner of Section 5, they ran 80.27 chains and fell only 14–links (about 9.2–feet) south of said Southeast Corner. They purportedly returned west on a "True line" and set the South Quarter–Corner equidistant from the Southwest and Southeast Corners (40.14 1/2 chains). To the south in Section 8, access was only granted by landowners at the Southeast Corner of the Northeast Quarter of the Northwest Quarter of Section 8 (POINT #15,678). At this POINT, a 4–inch X 6–inch stone with a distinct cut "X" was found 6–inches above grade and was accepted as marking said Aliquot Corner of Section 8. For the East Quarter–Corner of Section 8, a 5/8–inch rebar (POINT #18,739) was found 3–inches below grade in accordance with the Monroe County Surveyor's "InCr I–07" Section Corner Tie–Sheet and was accepted as marking said East Quarter–Corner. As stated previously, no access was granted at the Center of Section, the Southeast Corner of the Northeast Quarter of the Southwest Quarter or the South Quarter of Section 8. Reviewing 2005 Aerial photography, there seems to be a north/west fence intersection at approximately N 488,476 E 1,245,168 (N 39–03–01.99463 W086–39–23.35560). Using this as a VERY approximate location for the South Quarter–Corner of Section 8, and POINT #15,678 as the Southeast Corner of the Northeast Quarter of the Northwest Quarter of Section 8 and assigning a line between the two POINTs, and then breaking this line at the intersection with a line beginning at POINT #721 (West Quarter–Corner, Section 8 and terminating at POINT #18,739 provides an approximate location for a Center of Section 8 at N 491,113.453 E 1,245,185.676. Projecting a line northerly that begins at this approximate Center of Section 8 location, passes through POINT #15,678 and terminates at a doubled–distance therefrom falls at a location approximately 2.7–feet west and 91.9–feet south of the aforesaid stone. Interestingly enough, the south terminus of the southerly–projected line described above falls only 5.5–feet east and 9.2–feet north of the north terminus of the northerly–projected line just described. The split of these two locations falls at N 493,731.688 E 1,245,205.797. This split falls only 0.6–feet west and 9.2–feet south of the mathematical split of a line between the Southwest and Southeast Corners of Section 5. Since no access was granted to the aforementioned Corner locations in Section 8 and locations cited previously were approximate, it was decided that the mathematical split of the Southwest and Southeast Corners of Section 5 provided the most logical and probable location for the South Quarter–Corner of Section 5 from the actual recovered monumentation outlined above. The uncertainty of POINT #18,707 is approximately 79–feet and is based upon the location of the stone noted in the Lee Utt survey.

Section 18

POINT #15,697 (South Quarter–Corner, Section 18): No monument or geographic location was found in the Monroe County Surveyor's current Section Corner Perpetuation records for this Corner. An 8–inch X 10–inch railroad tie post was found at the intersection of a north, south, east, west fence intersection and was accepted as marking the location of the South Quarter–Corner of Section 18. Kermit Inman, the landowner to the southwest, has purportedly lived on this tract for approximately 55 years and did not know of any physical marker (such as a stone with an "X") currently in place to contradict POINT #15,697 marking the location of the South Quarter–Corner of Section 18, but vaguely thought that there might had been a "pin" in this general vicinity. He further went on to add that he remembered his father had one told him years ago that there was a stone within about two feet of the fence intersection. A thorough search of the area revealed neither the "pin" or the stone. It is evident that the fence lines constructed coming together at POINT #15,697 were not constructed by the same party or in the same timeframe. It is very possible that one of the landowners had removed both a stone and a "pin" during their particular fence construction or repair efforts. The origin of POINT #15,697 is unknown. No monument or geographic location was found in the Monroe County Surveyor's current Section Corner Perpetuation records for this Corner. From the Original Government Survey Notes for the line between Sections 18 and 19, it was noted that the South Line of the Southeast Quarter of Section 18 measured 40–chains (2,640,00–feet), while the South Line of the Southwest Quarter of Section 18 measured 30.54–chains (2,015.64–feet). During this 2011 Survey, these Lines were respectively measured at 2,605.17–feet (about 39.47–chains) and 2023.13–feet (about 30.65–chains). Cumulatively, the total length of the 2011 Survey Lines is 4,628.30–feet, while the 1815 Original Survey Lines tallied 4,655.64–feet, making the 2011 Survey total about 27.34–feet shorter than the 1815 Original Survey total. Examining these lengths absent any proportioning to attempt to scale to fit the original "chain", the 2011 Survey South Line of the Southeast Quarter of Section 18 is approximately 35–feet shorter than the Original length, while the 2011 South Line of the Southwest Quarter of Section 18 is approximately 7–feet LONGER, giving the impression of being unbalanced. In examining the terrain of the South Line of Section 18, it can be seen that the first (as ran from the Southeast Corner to the Southwest Corner of Section 18) approximate 1,500–feet (about 23–chains) of this Line has significant elevation relief compared to the last approximate 3,130–feet, giving a reasonable explanation for one Line being disproportionate to the other Line when comparing the Original Survey to this 2011 Survey. It should be further noted that, a southerly projection of a line beginning at POINT #409 (North Quarter–Corner, Section 18) and passing through POINT #405 (Center of Section 18) falls only approximately 1.4–feet west of POINT #15,697 (South Quarter–Corner, Section 18). Given the above discussion, the uncertainty of POINT #15,697 is approximately 35–feet.

POINT #18,701 (Southwest Corner, Section 18): No monument was found marking the Southwest Corner of Section 18, nor was there a monument or geographic location found in the Monroe County Surveyor's current Section Corner Perpetuation records for this Corner. Per a survey by Marty J. James, certified September 13, 2007 and recorded on April 18, 2008 in the Office of the Recorder of Greene County, Indiana, this Corner was reestablished by calculation, but no physical marker set. After evaluation of that Survey, POINT #18,701 was calculated respective to said James survey and monumented with a 3/4–inch rebar with a "BLA FIRM 0030" cap was set slightly above grade 39.60' (60–links) south of and along the East Line of Township 7 North, Range 3 West from James' set rebar and FIRM cap at the Southeast Corner of Section 13, Township 7 North, Range 3 West near the west edge of a VERY old road bed and approximately 16–feet west of a fence line. The uncertainty of POINT #18,701 is approximately 17–feet and is mostly based upon said fence line location.

TOWNSHIP 8 NORTH, RANGE 2 WEST, MONROE COUNTY

For discussion on the recovery and/or reestablishment of PLSS Corners in Section 31, Township 8 North, Range 2 West, 2nd Principal Meridian, please refer to the "BOUNDARY RETRACEMENT SURVEY_CORNWELL SITE" as recorded on June 22, 2011 as Document #2011008104 in the Office of the Recorder of Monroe County, Indiana.

Section 32

POINT #17,017 (South Quarter–Corner, Section 32): A 5/8–inch iron pin was found 2–inches below grade in accordance with the current monument of record in the Monroe County Surveyor's Section Corner Perpetuation tie–card library, i.e. "VanBu G–25", and was accepted as marking the South Quarter–Corner of Section 32. The origin of this monument is unknown. The uncertainty of POINT #17,017 is approximately 1.0–foot and is roughly based upon the RPA of this survey, though this may be an overly–optimistic value, given the simple nature of the PLSS.

POINT #17,014 (Southeast Corner, Section 32): A 1/2–inch iron pin was found 5–inches below grade in the bed of Evans Road at the approximate southerly projection of a wood fence to the north in accordance with the current monument of record in the Monroe County Surveyor's Section Corner Perpetuation tie–card library, i.e. "VanBu I–25", and was accepted as marking the Southeast Corner of Section 32. The origin of this monument is unknown. The uncertainty of POINT #17,014 is approximately 1.0–feet and is roughly based upon the RPA of this survey, though this may be an overly–optimistic value, given the simple nature of the PLSS.



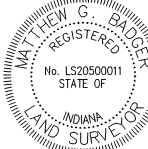


POINT #178,874 (South Quarter–Corner, Section 33): No monument or geographic location was found in the Monroe County Surveyor's current Section Corner Perpetuation records for this Corner, nor were there any surveys discovered that referenced a monument or location for this Corner. Approximately 5.6–feet west and 2.7–feet south of the mathematical split of the Southwest and Southeast Corners of Section 33 (POINTS #17,014 and #218,815 respectively) a railroad tie post was found at the southwest corner of a fence line running to the north and east. A thorough search approximately 20–feet around this post revealed no monument of character typical to that of one marking or witnessing such a Corner of the PLSS in a remote location. Reviewing a best fit–line constructed through POINTs #218,816, #218,815, #17,029, #17,014, #17,018, #17,017, #720, #17,020, #715, #17,001 (approximately 2.52–miles east/west) reveals that said lies only 2.8–feet south therefrom, while the maximum deviation of all other points being approximately 4.0–feet. While this method was not used to determine the location of the South Quarter–Corner of Section 33, it did however provide a better "feeling of fit" with the APPROXIMATE latitudinal location of the Township Line. To the north, no monument was found at the Center of Section 33, but a railroad spike was found at the North Quarter–Corner of Section 33 (POINT #15,689), in accordance with the current monument of record in the Monroe County Surveyor's Section Corner Perpetuation tie–card library, i.e., "VanBu K–21" and was accepted as such. To the northeast at the East Quarter–Corner of Section 33 (POINT #15,690), a 7–inch X 7–inch stone with a cut "X" was found 12–inches above grade and was accepted as such, though the origin of this monument is unknown and no monument or geographic location was found in the Monroe County Surveyor's current Section Corner Perpetuation records for this Corner. To the Northwest at the West Quarter–Corner of Section 33 (POINT #15,688), another railroad spike was found 2–inches below grade in accordance with the current monument of record in the Monroe County Surveyor's Section Corner Perpetuation tie–card library, i.e., "VanBu I–23" and was accepted as such. To the east of POINT #15,688, a MAG nail was found flush with grade of Kirksville Road and was accepted as marking the Northeast Corner of the Northwest Quarter of the Southwest Quarter of Section 32, though the origin thereof is unknown and no monument or geographic location was found in the Monroe County Surveyor's current Section Corner Perpetuation records for this Corner. Projecting a line easterly that begins at POINT #15,688 (West Quarter–Corner, Section 32), passes through POINT #15,691 (Northeast Corner, Northwest Quarter, Southwest Quarter, Section 32) and terminates at a doubled–distance therefrom (POINT #18,705–POINT #17,028) falls only 2.9–feet west and 0.5–feet south of the mathematical split of POINTs #15,688 and POINT #15,690, which provides some level of confidence to the relative aliquot positioning of these three points to one another. Projecting a line southerly that begins at POINT #15,689 (North Quarter–Corner, Section 32), passes through said terminus point (end of doubled POINT #18,705–POINT #17,028 line) and terminates at a doubled–distance therefrom falls approximately 10.8–feet north and 26.8–feet west of the aforesaid railroad tie post. Given this discussion, it is believed that POINT #178,874 presents the best–available evidence of the location of the South Quarter–Corner of Section 33 and was thus accepted as such. The uncertainty of POINT #178,874 is approximately 29–feet and is based upon the east–then–south double–projected lines described above.

Section 33

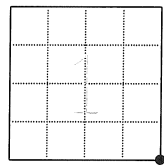
POINT #218,815 (Southeast Corner, Section 33): Please refer to the "I–69 SECTION 4, SEGMENT 8, EAST ZONE MONROE COUNTY LOCATION CONTROL ROUTE SURVEY" plat prepared by Dustin K. Ballard of Beam, Longest and Neff, LLC, (BLN) having a signed date of May 25, 2011.

UNCERTAINTIES WITH LINES OF OCCUPATION/POSSESSION

Please refer to the above "UNCERTAINTIES WITH REFERENCE MONUMENTATION" section for discussions concerning evidence of possession at or near the corresponding Corners.

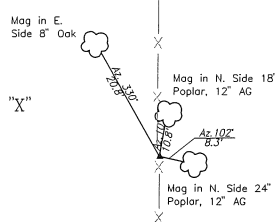
<div>Prepared By</div> <div></div> <div>BERNARDIN • LOCHMUELLER & ASSOC., INC. 6200 Vogel Road Evansville, Indiana 47715 (812)479–6200 / fax: (812)479–6262</div>	<div>SURVEY STARTED</div> <div>3/10/2011</div> <div>SURVEY COMPLETED</div> <div>5/26/2011</div>	<div>FIELD SURVEYOR STATEMENT</div> <div>THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS CONDUCTED ACCORDING TO THE PROVISIONS OF IND. S.A.C. 1–12–20 REGARDING PLATT SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.</div>	<div></div>	<div>FIELD SURVEYOR STATEMENT</div> <div>THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS CONDUCTED ACCORDING TO THE PROVISIONS OF IND. S.A.C. 1–12–20 REGARDING PLATT SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.</div>	<div></div>	<div>Prepared for the</div> <div>INDIANA</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>LOCATION CONTROL ROUTE SURVEY</div> <div>I–69 / SECTION 4 / SEGMENT 7</div>	<div>HORIZONTAL SCALE</div> <div>N / A</div> <div>COUNTY</div> <div>GREENE AND MONROE</div> <div>SURVEY BOOK</div> <div>CONTRACT</div> <div>BRIDGE FILE</div> <div>DESIGNATION</div> <div>1006076</div> <div>PLAN SHEETS</div> <div>12 of 71</div> <div>PROJECT</div> <div>1006076</div>	
		<div>ROUTE SURVEY SHEETS</div> <div>10 of 14</div>	<div>RECOMMENDED FOR APPROVAL</div> <div> 7/27/2011</div> <div>REGISTERED PROFESSIONAL LAND SURVEYOR DATE</div> <div>COVERING: ALIGNMENTS</div>		<div>RECOMMENDED FOR APPROVAL</div> <div> 7/27/2011</div> <div>REGISTERED PROFESSIONAL LAND SURVEYOR DATE</div> <div>COVERING: SECTION CORNERS</div>			
		<div>SURVEYOR'S PROJECT NO.</div> <div>110–0114–1HY</div>						

SECTION 1, TOWNSHIP 7 NORTH, RANGE 3 WEST
(Description of Corner Location) Southeast Corner
Greene COUNTY, INDIANA

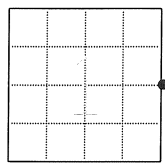


TYPE OF MON.: 6"X8" Stone W/ Chiseled "X"
DEPTH: 8" AG
UNCERTAINTY: See Surveyor's Report
BY: Bernardin Lochmueller C.B.
DATE: April, 2011
DES. NO.: 1006076 (Pt. #455)

STATE FORM 40180

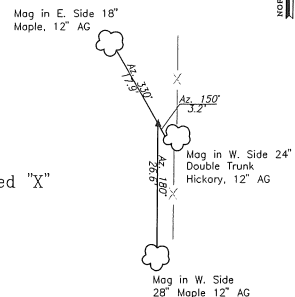


SECTION 1, TOWNSHIP 7 NORTH, RANGE 3 WEST
(Description of Corner Location) East Quarter-Corner
Greene COUNTY, INDIANA

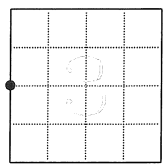


TYPE OF MON.: 2"X6" Stone W/ Chiseled "X"
DEPTH: 2" AG
UNCERTAINTY: See Surveyor's Report
BY: Bernardin Lochmueller C.B.
DATE: April, 2011
DES. NO.: 1006076 (Pt. #454)

STATE FORM 40180

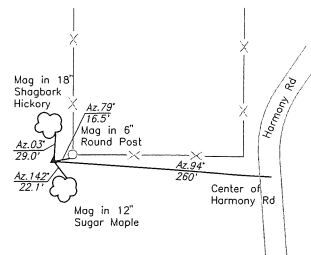


SECTION 03, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) West Quarter-Corner
Monroe COUNTY, INDIANA

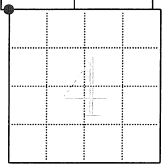


TYPE OF MON.: 1/2" Iron Pin
DEPTH: 2" AG
UNCERTAINTY: See Surveyor's Report
BY: Monroe Co. Surv. -Checked by BLA
DATE: April, 2011
DES. NO.: 1006076 (Pt. #216,283)

STATE FORM 40180

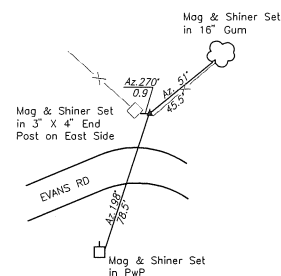


SECTION 04, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) Northwest Corner
Monroe COUNTY, INDIANA

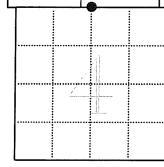


TYPE OF MON.: 5/8" rebar
DEPTH: 2" BG
UNCERTAINTY: See Surveyor's Report
BY: Monroe Co. Surv.-Checked by BLA
DATE: April, 2011
DES. NO.: 1006076 (Pt. #17005)

STATE FORM 40180

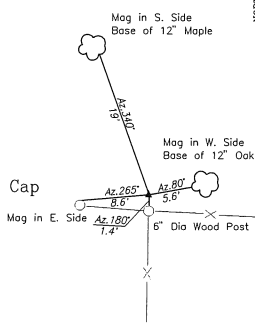


SECTION 04, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) North Quarter-Corner
Monroe COUNTY, INDIANA

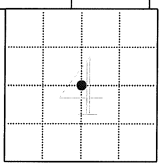


TYPE OF MON.: 3/4" Rebar W/ BLA Firm Cap
DEPTH: 2" AG
UNCERTAINTY: See Surveyor's Report
BY: Bernardin-Lochmueller C.B.
DATE: April, 2011
DES. NO.: 1006076 (Pt. #18702)

STATE FORM 40180

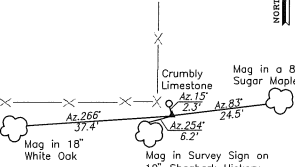


SECTION 4, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) Center
Monroe COUNTY, INDIANA

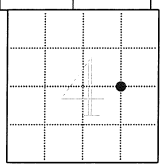


TYPE OF MON.: 1/2" Rebar W/ Metal Fence Post Witness
DEPTH: 4" B.G.
UNCERTAINTY: See Surveyor's Report
BY: Monroe Co. Surv. -Checked By BLA
DATE: April, 2011
DES. NO.: 1006076 (Pt. #15659)

STATE FORM 40180

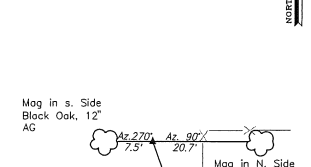


SECTION 04, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) Southeast Corner, SW/4, NE/4
Monroe COUNTY, INDIANA

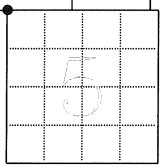


TYPE OF MON.: 1" Iron Pipe
DEPTH: 10" AG
UNCERTAINTY: See Surveyor's Report
BY: Bernardin-Lochmueller C.B.
DATE: April, 2011
DES. NO.: 1006076 (Pt. #15657)

STATE FORM 40180

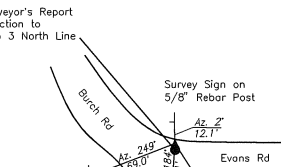


SECTION 5, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) Northwest Corner WITNESS
Monroe COUNTY, INDIANA

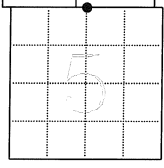


TYPE OF MON.: Mag Nail in Evans Road
DEPTH: Flush
UNCERTAINTY: See Surveyor's Report
BY: Monroe Co. Surv -Checked by BLA
DATE: April, 2011
DES. NO.: 1006076 (Pt. #17019)

STATE FORM 40180

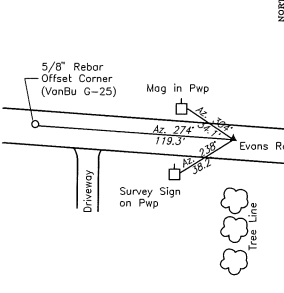


SECTION 5, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) North Quarter-Corner
Monroe COUNTY, INDIANA

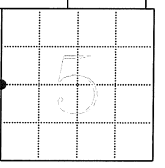


TYPE OF MON.: RR Spike
DEPTH: 6" BG
UNCERTAINTY: See Surveyor's Report
BY: Monroe Co. Surv. -Checked by BLA
DATE: April, 2011
DES. NO.: 1006076 (Pt. #17018)

STATE FORM 40180

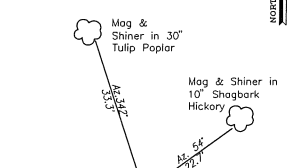


SECTION 5, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) West Quarter-Corner
Monroe COUNTY, INDIANA

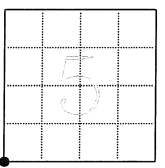


TYPE OF MON.: 2" X 6" Stone
DEPTH: 4" AG
UNCERTAINTY: See Surveyor's Report
BY: Monroe Co. Surv. -Checked by BLA
DATE: April, 2011
DES. NO.: 1006076 (Pt. #17012)

STATE FORM 40180

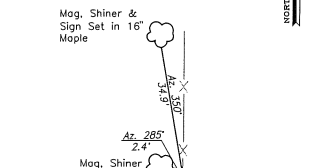


SECTION 5, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) Southwest Corner
Monroe COUNTY, INDIANA

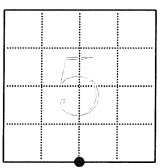


TYPE OF MON.: 4"X6" Stone W/ Faint "+"
DEPTH: 11" AG
UNCERTAINTY: See Surveyor's Report
BY: Monroe Co. Surv. -Checked by BLA
DATE: April, 2011
DES. NO.: 1006076 (Pt. #17013)

STATE FORM 40180

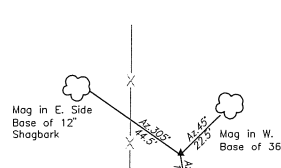


SECTION 5, TOWNSHIP 7 NORTH, RANGE 2 WEST
(Description of Corner Location) South Quarter-Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: 3/4" Rebar W/ BLA Firm Cap
DEPTH: 2" AG
UNCERTAINTY: See Surveyor's Report
BY: Bernardin-Lochmueller C.B.
DATE: April, 2011
DES. NO.: 1006076 (Pt. #18707)

STATE FORM 40180



Prepared By



BERNARDIN LOCHMUELLER & ASSOC., INC.
6200 Vogel Road
Evansville, Indiana 47715
(812)479-6200 / fax: (812)479-6262

SURVEY STARTED

3/10/2011

SURVEY COMPLETED

5/26/2011

ROUTE SURVEY SHEETS

12 of 14

SURVEYOR'S PROJECT NO.

110-0114-1HY

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF IBS 14.2, 14.3-14.20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

7/27/2011

DATE

COVERING: ALIGNMENTS



FIELD SURVEYOR STATEMENT

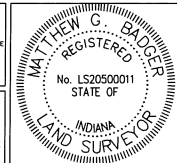
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF IBS 14.2, 14.3-14.20 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

7/27/2011

DATE

COVERING: SECTION CORNERS



Prepared for the

INDIANA
DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY
1-69 / SECTION 4 / SEGMENT 7

HORIZONTAL SCALE

COUNTY

GREENE AND MONROE

SURVEY BOOK

CONTRACT

BRIDGE FILE

DESIGNATION

1006076

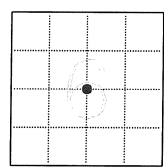
PLAN SHEETS

14 of 71

PROJECT

1006076

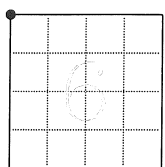
SECTION 6, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) Center
Monroe COUNTY, INDIANA



TYPE OF MON.: 4" Harrison Monument
 DEPTH: 6" AG
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller C.B.
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #716)

STATE FORM 40180

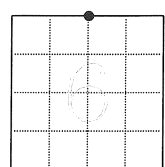
SECTION 6, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) Northwest Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: Sandstone W/ "X"
 DEPTH: 1" AG
 UNCERTAINTY: See Surveyor's Report
 BY: Monroe Co. Surv. -Checked by BLA
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #449)

STATE FORM 40180

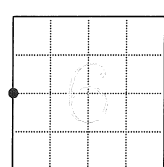
SECTION 6, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) North Quarter-Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: 4" Harrison Monument
 DEPTH: 6" AG
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller C.B.
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #715)

STATE FORM 40180

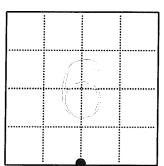
SECTION 6, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) West Quarter-Corner WITNESS
Monroe COUNTY, INDIANA



TYPE OF MON.: 2"x6" Stone W/ Chiseled "X"
 DEPTH: 5" AG
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller C.B.
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #448)

STATE FORM 40180

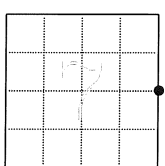
SECTION 6, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) South Quarter-Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: 4" Harrison Monument
 DEPTH: 6" AG
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller C.B.
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #718)

STATE FORM 40180

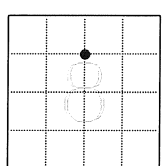
SECTION 7, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) East Quarter-Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: 3/4" Rebar W/ Firm Cap
 DEPTH: 6" BG
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller JA
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #721)

STATE FORM 40180

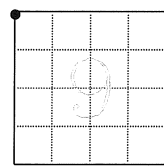
SECTION 8, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) Southeast Corner, NE/4, NW/4
Monroe COUNTY, INDIANA



TYPE OF MON.: 4" X 6" Stone W/ Cut "X"
 DEPTH: 6" AG
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller- CB
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #15678)

STATE FORM 40180

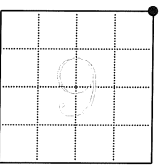
SECTION 9, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) Northwest Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: 3/4" Iron Pipe
 DEPTH: 6" AG
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller CB
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #15664)

STATE FORM 40180

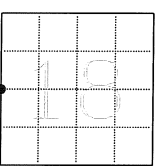
SECTION 9, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) Northeast Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: 8"x65" Sandstone
 DEPTH: Flush
 UNCERTAINTY: See Surveyor's Report
 BY: Monroe Co. Surv. -Checked By BLA
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #218814)

STATE FORM 40180

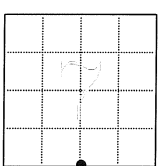
SECTION 18, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) West Quarter-Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: 3/4" RBR w/BLA Firm Cap
 DEPTH: 1" B.G.
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller J.A.
 DATE: February, 2011
 DES. NO.: 1006076 (Pt. #662)

STATE FORM 40180

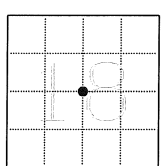
SECTION 7, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) South Quarter-Corner
Monroe COUNTY, INDIANA



TYPE OF MON.: 5/8" Rebar
 DEPTH: 1" AG
 UNCERTAINTY: See Surveyor's Report
 BY: Bernardin Lochmueller C.B.
 DATE: April, 2011
 DES. NO.: 1006076 (Pt. #409)

STATE FORM 40180

SECTION 18, TOWNSHIP 7 NORTH, RANGE 2 WEST
 (Description of Corner Location) Center
Monroe COUNTY, INDIANA



TYPE OF MON.: RR Spike
 DEPTH: 3" B.G.
 UNCERTAINTY: See Surveyor's Report
 BY: Monroe Co. Surv. - Checked by BLA
 DATE: February, 2011
 DES. NO.: 1006076 (Pt. #405)

STATE FORM 40180

Prepared By



BERNARDIN LOCHMUELLER & ASSOC., INC.
 6200 Vogel Road / Evansville, Indiana 47715
 (812)479-6200 / fax: (812)479-6262

SURVEY STARTED

3/10/2011

SURVEY COMPLETED

5/26/2011

ROUTE SURVEY SHEETS

13 of 14

SURVEYOR'S PROJECT NO.

110-0114-1HY

FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF IBC 14-1-1-13-13 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

Bernard E. Jones 7/27/2011
 REGISTERED LAND SURVEYOR DATE
 COVERING: ALIGNMENTS

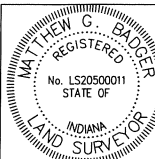


FIELD SURVEYOR STATEMENT

THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF IBC 14-1-1-13-13 REGARDING ROUTE SURVEYS, EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF ANY NEW PARCELS TO BE ACQUIRED OR THE EXISTING PARCELS IS NOT A PART OF THIS SURVEY.

RECOMMENDED FOR APPROVAL

Matthew G. Badger 7/27/2011
 REGISTERED LAND SURVEYOR DATE
 COVERING: SECTION CORNERS



Prepared for the

INDIANA
DEPARTMENT OF TRANSPORTATION

LOCATION CONTROL ROUTE SURVEY
1-69 / SECTION 4 / SEGMENT 7

HORIZONTAL SCALE

COUNTY

GREENE AND MONROE

SURVEY BOOK

CONTRACT

BRIDGE FILE

DESIGNATION

1006076

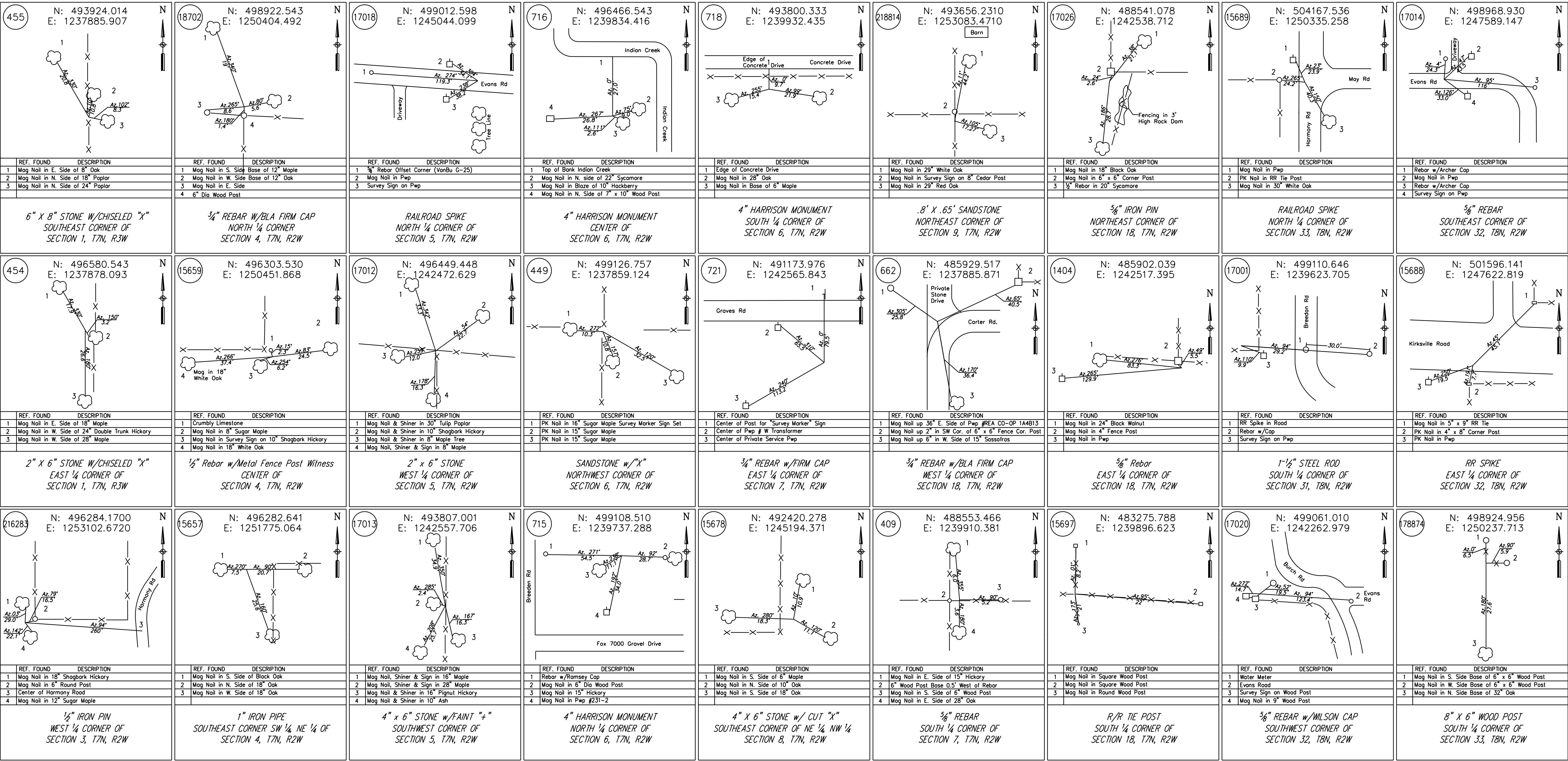
PLAN SHEETS

15 of 71

PROJECT

1006076

SECTION CORNER REFERENCES



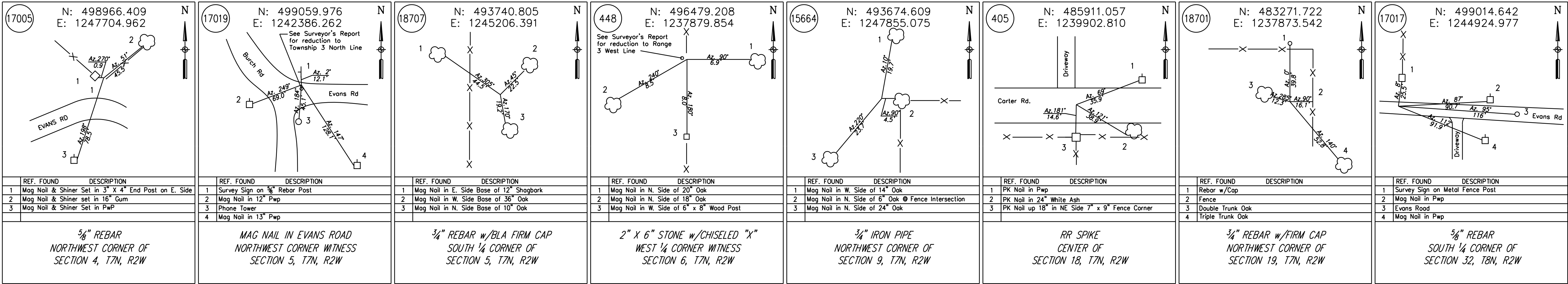
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TIME: 1:08:08 PM
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RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER _____ DATE _____	
DESIGNED: _____ CP	DRAWN: _____ ETD
CHECKED: _____ AJD	CHECKED: _____ JAC

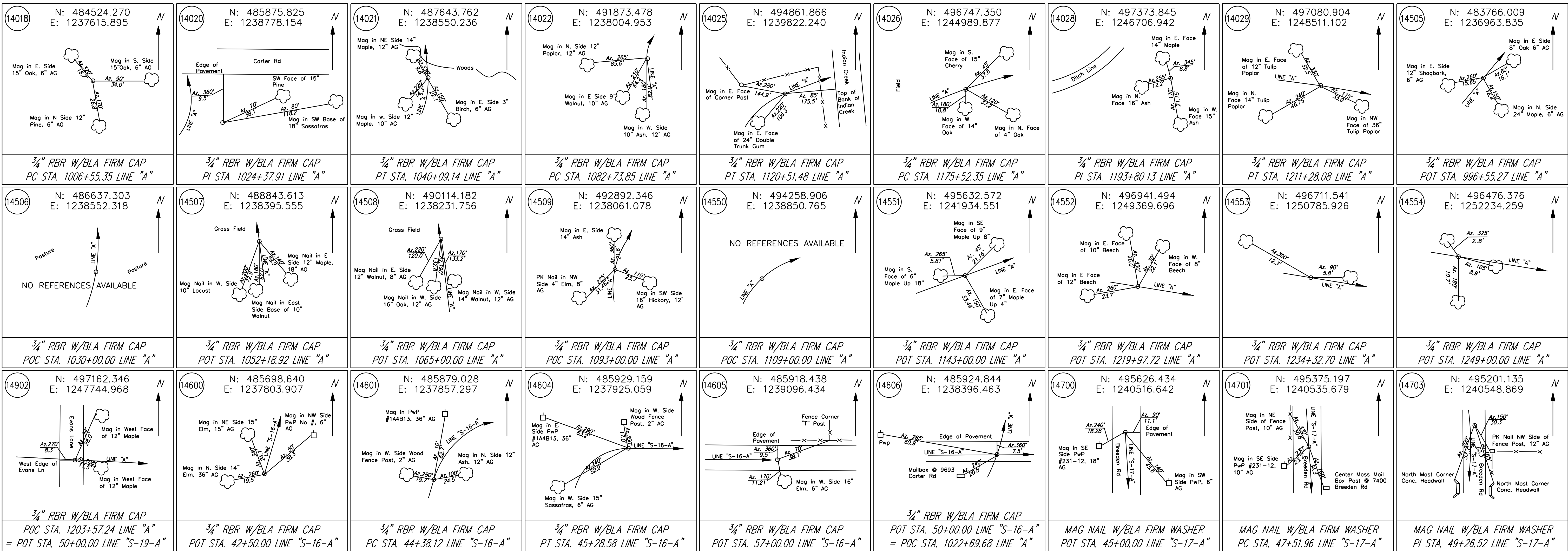
INDIANA DEPARTMENT OF TRANSPORTATION	
BASELINE CONTROL REFERENCE & BENCHMARK INFORMATION	

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	1006076
SURVEY BOOK	PAGE
ELECTRONIC / AERIAL	CP-01
CONTRACT	PROJECT
IR-33739	1006076

SECTION CORNER REFERENCES



CENTERLINE CONTROL POINT REFERENCES



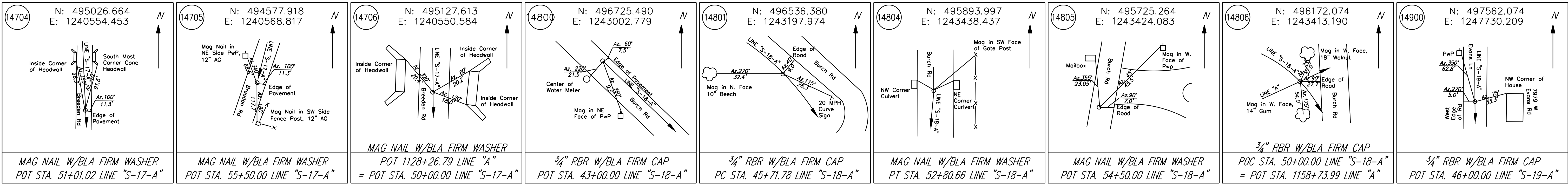
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RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

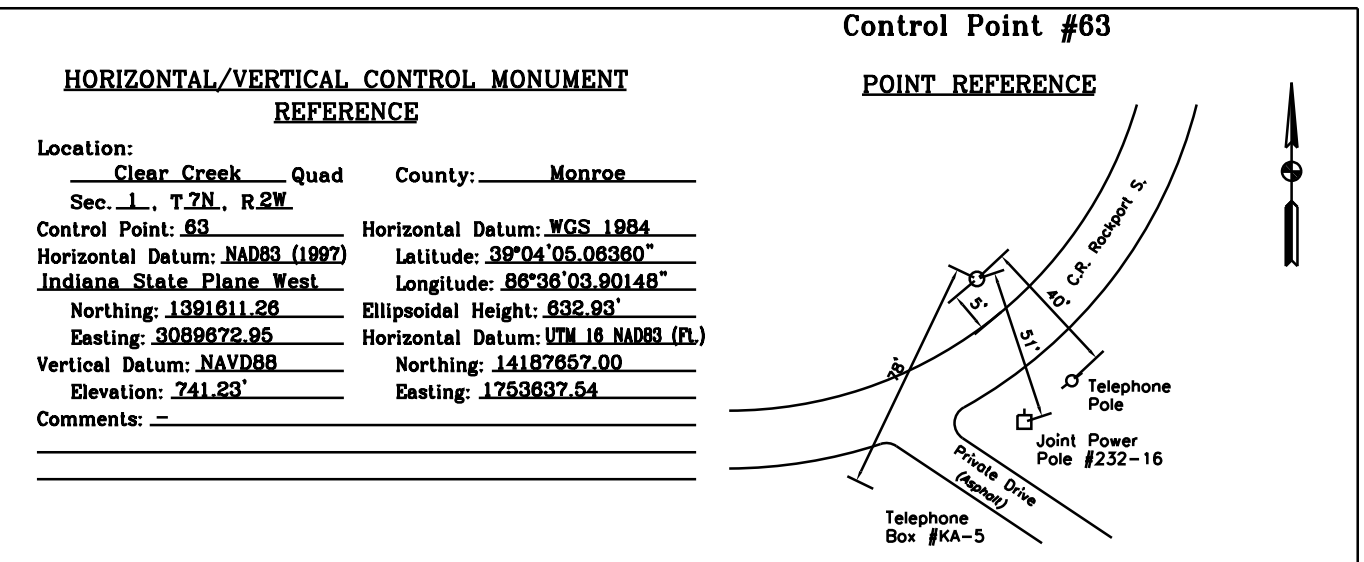
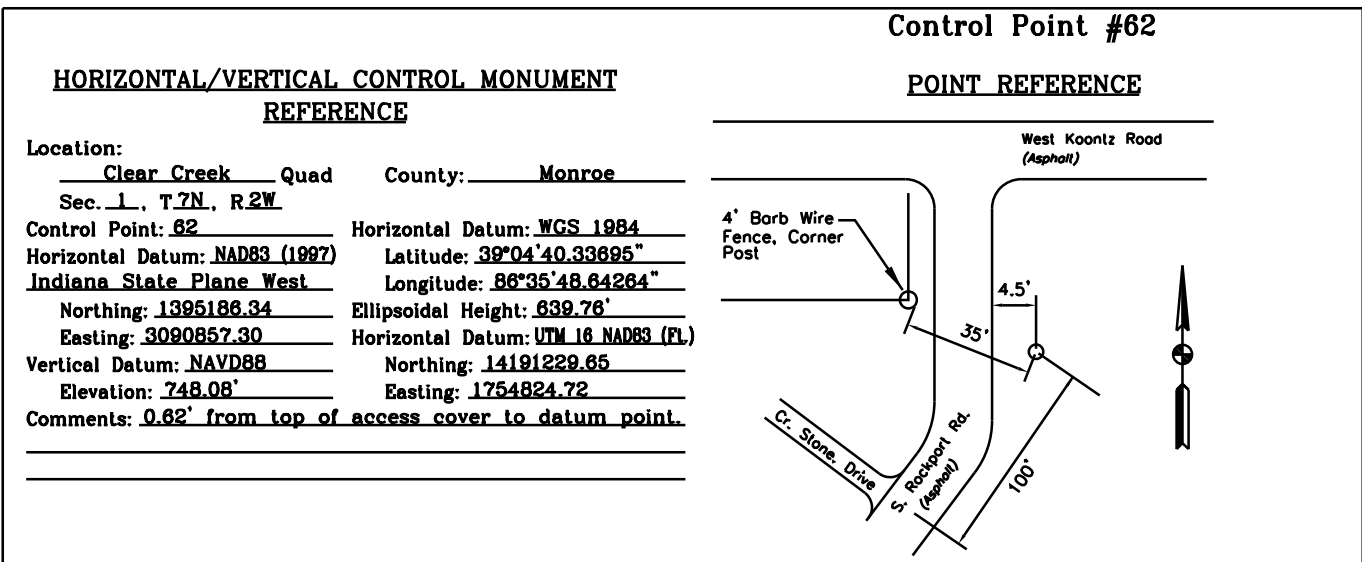
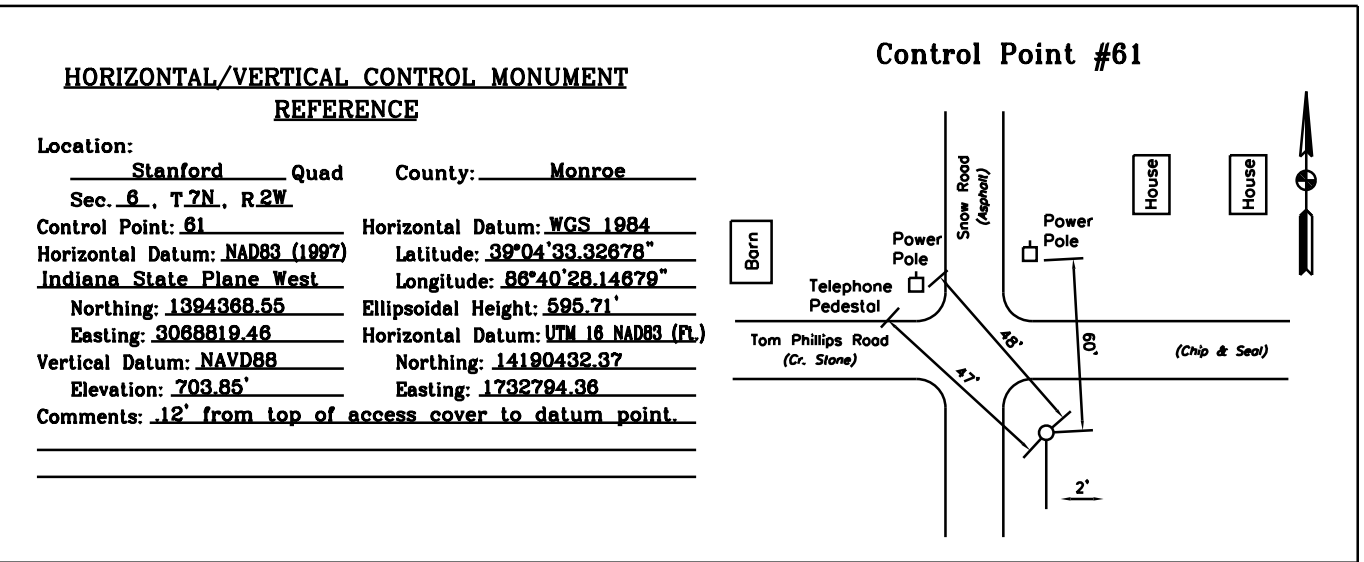
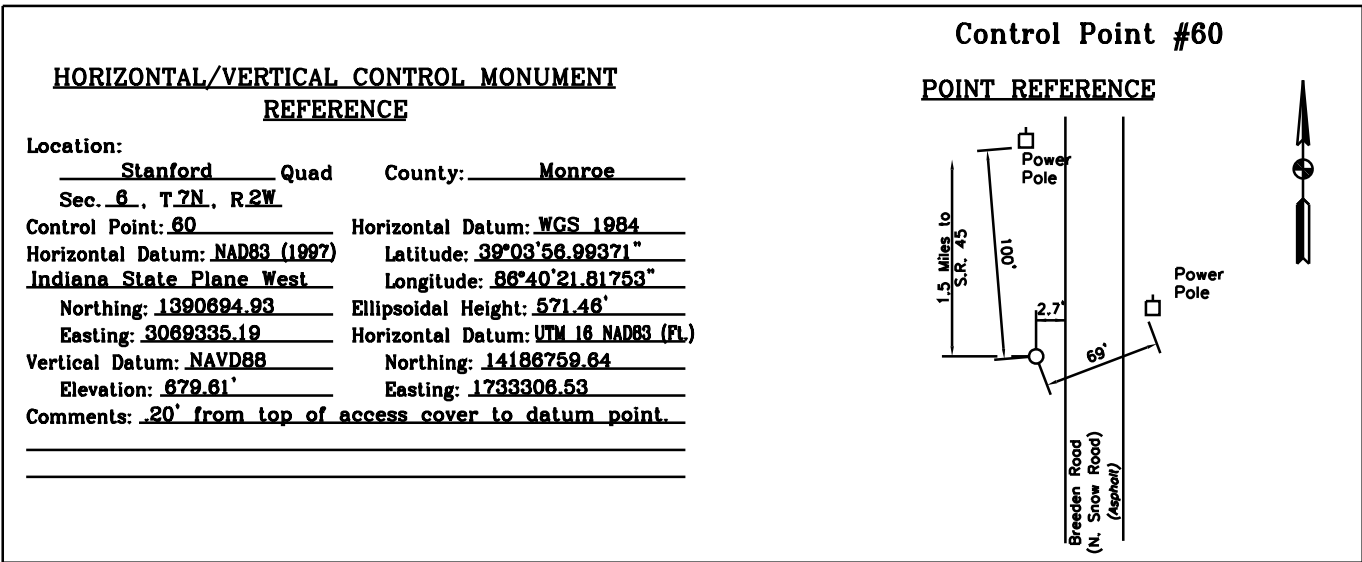
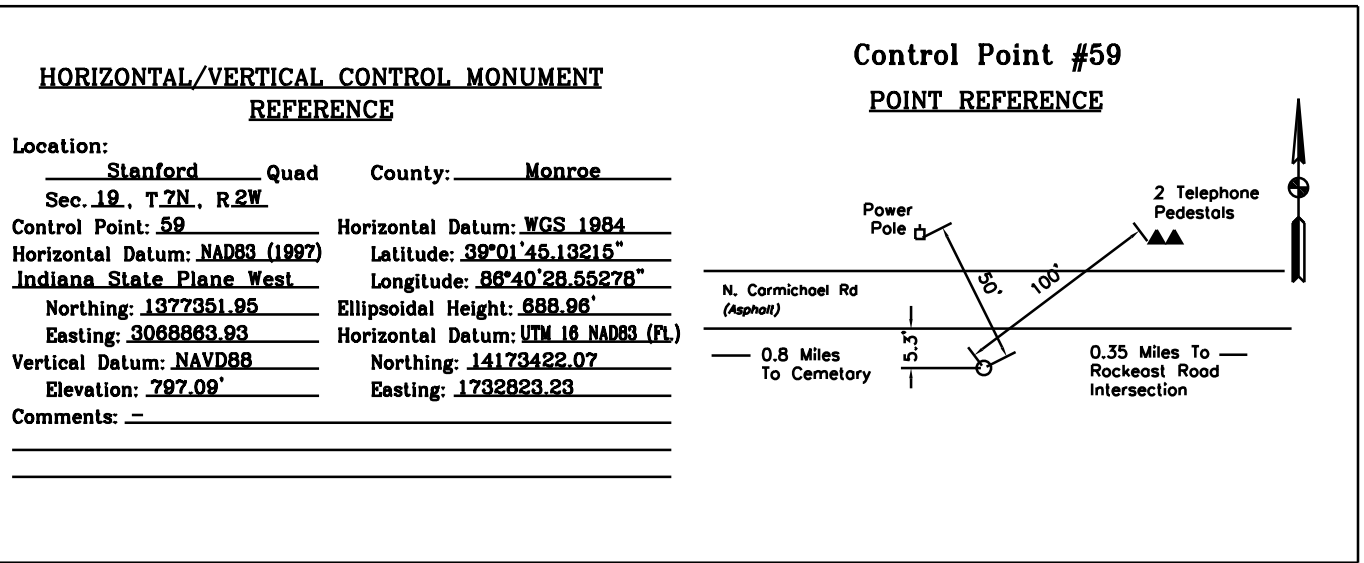
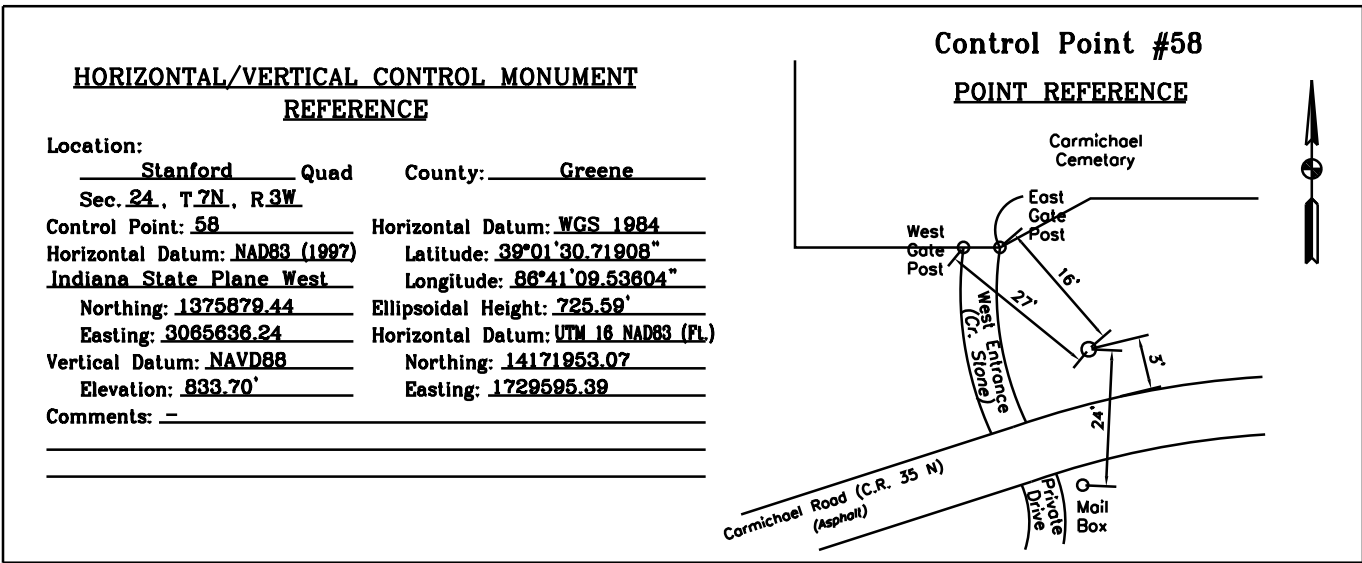
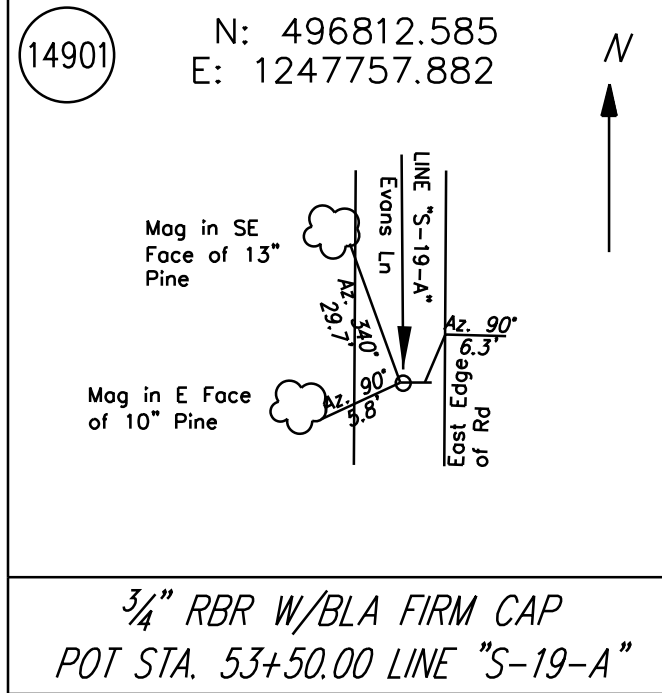
INDIANA DEPARTMENT OF TRANSPORTATION	
BASELINE CONTROL REFERENCE & BENCHMARK INFORMATION	

HORIZONTAL SCALE	BRIDGE FILE
VERTICAL SCALE	DESIGNATION
	1006076
SURVEY BOOK	PAGE
ELECTRONIC / AERIAL	CP-02
CONTRACT	PROJECT
IR-33739	1006076

CENTERLINE CONTROL POINT REFERENCES



CONTROL POINT REFERENCES



Benchmarks

NAVD '88 Datum: Elevations were established, by previous survey, for Primary (Tier 1 EIS) Control monuments. The following benchmarks were established along existing public roadways in or near the project corridor by differential level runs from said Primary Control Monuments.

BM#	STATION	OFFSET	FROM LINE . . .	NORTHING	EASTING	LEVELED ELEVATIONS
S7BM1	1006+80.72	284.07' Lt.	LINE A	484727.407	1237415.827	832.79
S7BM2	1019+28.14	459.65' Lt.	LINE A	485779.654	1237854.816	872.69
S7BM3	1024+95.18	862.99' Rt.	LINE A	485927.887	1239294.544	876.97
S7BM4	1124+06.96	1308.05' Rt.	LINE A	493754.899	1240604.537	680.53
S7BM5	1128+46.32	6.38' Lt.	LINE A	495140.300	1240566.745	699.48
S7BM6	1129+80.18	438.33' Lt.	LINE A	495591.962	1240544.436	706.44
S7BM7	1156+35.89	723.77' Lt.	LINE A	496770.386	1242941.438	811.29
S7BM8	1159+24.84	289.55' Lt.	LINE A	496461.513	1243361.712	848.39
S7BM9	1158+15.85	268.02' Rt.	LINE A	495900.361	1243450.438	850.26
S7BM10	1202+88.30	794.30' Lt.	LINE A	497959.144	1247708.647	889.40
S7BM11	1203+32.18	137.28' Lt.	LINE A	497300.705	1247726.424	882.10
S7BM12	1204+12.08	738.03' Rt.	LINE A	496422.585	1247756.440	889.42
S7BM13	1215+32.12	115.66' Lt.	LINE A	497130.316	1248928.452	885.01

COORDINATE LISTING: PROJECT COORDINATES FOR PRIMARY CONTROL MONUMENTS

I-69 EAST ZONE COORDINATES (THIS SURVEY)			INDIANA WEST ZONE (1302) STATE PLANE COORDINATES			NAVD '88 ELEV.			DESCRIPTION
PT. #	NORTHING	EASTING	NORTHING	EASTING	NORTHING	EASTING	ELEV.		
58	479264.187	1236764.176	1375879.44	3065636.24	833.70				I-69 CONTROL MON. #58
59	480713.198	1240002.677	1377351.95	3068863.93	797.09				I-69 CONTROL MON. #59
60	494053.047	1240571.269	1390694.93	3069335.19	679.61				I-69 CONTROL MON. #60
61	497730.518	1240082.337	1394368.55	3068819.46	703.85				I-69 CONTROL MON. #61
62	498387.486	1262126.549	1395186.34	3090857.30	748.08				I-69 CONTROL MON. #62
63	494820.999	1260916.099	1391611.26	3089672.95	741.23				I-69 CONTROL MON. #63

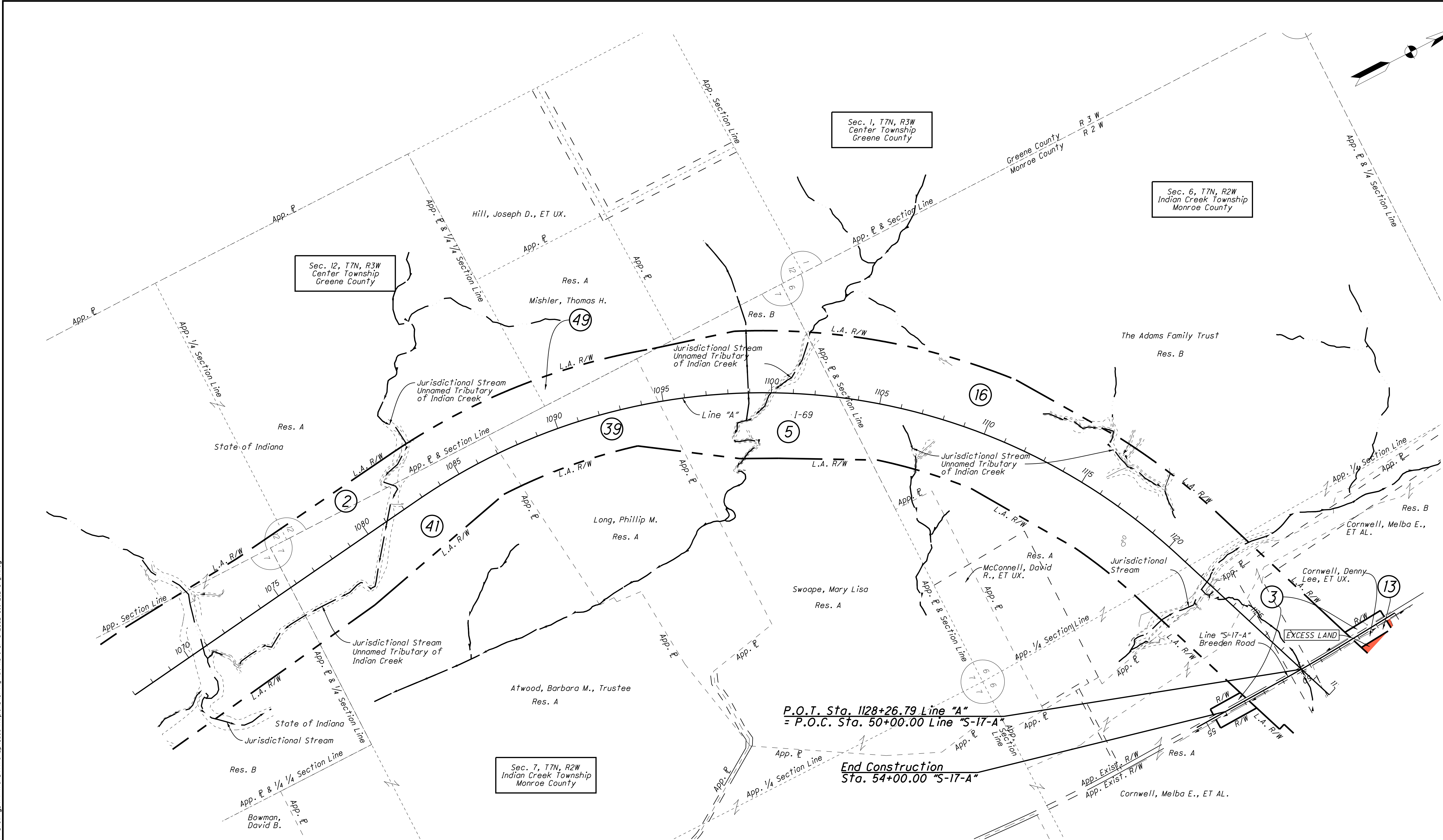
PRIMARY CONTROL POINT MONUMENT DATA SHEETS TAKEN FROM TIER 1 ENVIRONMENTAL IMPACT STUDY (Des. 9906000). SEE LISTING ABOVE FOR PROJECT COORDINATES OF THESE MONUMENTS

		RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE		BRIDGE FILE					
		DESIGN ENGINEER				VERTICAL SCALE		DESIGNATION					
		DATE						1006076					
DESIGNED: CP		DRAWN: ETD		BASELINE CONTROL REFERENCE & BENCHMARK INFORMATION				SURVEY BOOK		PAGE		SHEETS	
CHECKED: AJD		CHECKED: JAC						ELECTRONIC / AERIAL		CP-03		19 of 71	
								CONTRACT		PROJECT			
								IR-33739		1006076			



INDIANA DEPARTMENT OF TRANSPORTATION
PLAT NO. 1 LINE "A"

HORIZONTAL SCALE		BRIDGE FILE	
1" = 200'			
VERTICAL SCALE		DESIGNATION	
		1006076	
SURVEY BOOK		PAGE	SHEETS
ELECTRONIC / AERIAL		PL-01	20 of 71
CONTRACT		PROJECT	
IR-33739		1006076	



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TIME: 1:28:32 PM
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RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
PLAT NO. 1 LINE "A"	

HORIZONTAL SCALE 1" = 200'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PL-02
CONTRACT IR-33739	SHEETS 21 of 71 PROJECT 1006076



INDIANA DEPARTMENT OF TRANSPORTATION
PLAT NO. 1 LINE "A"

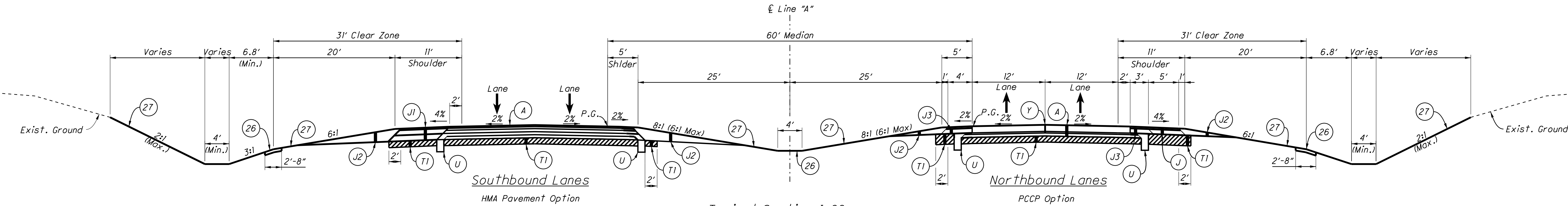
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1" = 200'			
VERTICAL SCALE		DESIGNATION	
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SURVEY BOOK		PAGE	SHEETS
ELECTRONIC / AERIAL		PL-03	22 of 71
CONTRACT		PROJECT	
IR-33739		1006076	



INDIANA DEPARTMENT OF TRANSPORTATION	
PLAT NO. 1 LINE "A"	

HORIZONTAL SCALE		BRIDGE FILE	
1" = 200'			
VERTICAL SCALE		DESIGNATION	
		1006076	
SURVEY BOOK		PAGE	SHEETS
ELECTRONIC / AERIAL		PL-04	23 of 71
CONTRACT		PROJECT	
ID-33739		1006076	

NOTE:
All Shoulders On I-69 Shall Have Milled Shoulder Corrugations

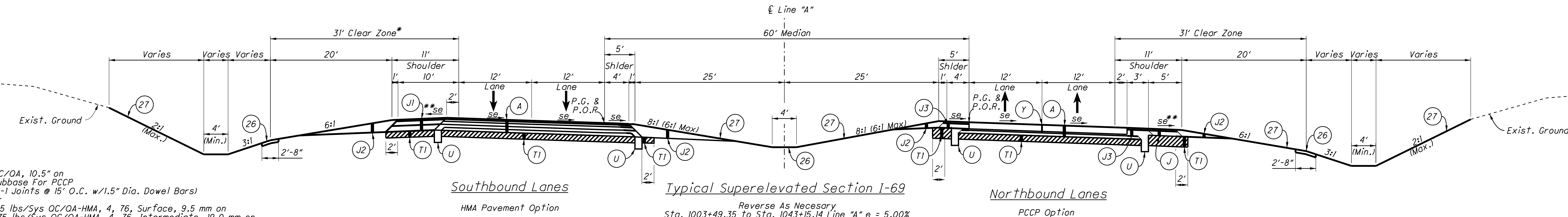


Paving Exceptions

I-69 NB (Bridge 7) 1068+58.09 to 1072+53.72 "A"
I-69 SB (Bridge 8) 1068+80.28 to 1072+75.91 "A"
I-69 NB (Bridge 10) 1120+21.24 to 1124+40.70 "A"
I-69 SB (Bridge 11) 1120+31.78 to 1124+50.05 "A"
I-69 NB (Bridge 12) 1126+68.85 to 1129+69.11 "A"
I-69 SB (Bridge 13) 1126+96.06 to 1129+96.32 "A"

Typical Section I-69

Sta. 1003+00.00 to Sta. 1003+49.35 Line "A"
Sta. 1043+15.14 to 1068+80.28 Line "A" (Lt.)
Sta. 1043+15.14 to Sta. 1068+58.09 Line "A" (Rt.)
Sta. 1072+75.91 to Sta. 1079+09.85 Line "A" (Lt.)
Sta. 1072+53.72 to Sta. 1079+09.85 Line "A" (Rt.)
Sta. 1126+03.12 to Sta. 1126+96.06 Line "A" (Lt.)
Sta. 1126+89.14 to Sta. 1126+68.85 Line "A" (Rt.)
Sta. 1129+96.32 to Sta. 1173+32.35 Line "A" (Lt.)
Sta. 1129+69.11 to Sta. 1173+32.35 Line "A" (Rt.)
Sta. 1213+48.08 to Sta. 1255+00.00 Line "A"



Typical Superelevated Section I-69

Reverse As Necessary
Sta. 1003+49.35 to Sta. 1043+15.14 Line "A" e = 5.00%
Sta. 1079+09.85 to Sta. 1120+31.78 Line "A" (Lt.) e = 6.60%
Sta. 1079+09.85 to Sta. 1120+21.24 Line "A" (Rt.) e = 6.60%
Sta. 1124+50.05 to Sta. 1126+03.12 Line "A" (Lt.) e = 6.60%
Sta. 1124+40.70 to Sta. 1125+89.14 Line "A" (Rt.) e = 6.60%
Sta. 1173+32.35 to Sta. 1213+48.08 Line "A" e = 3.00%

** For Paved Shoulder Width Greater Than 4':
The Shoulder Slope Shall Be 4% If The Pavement Is At Normal Slope
Of 2% Or If The Superelevation Rate Is 4% Or Less.
The Shoulder Slope Shall Be 2% Down From The Traveled Way If The
Superelevation Rate Is Greater Than 4% But Less Than Or Equal To 6%.
The Shoulder Slope Shall Be 1% Up From The Traveled Way If The
Superelevation Rate Is Greater Than 6%.

- A OC/OA, 10.5" on Subbase For PCCP (10'-1 Joints @ 15' O.C. w/1.5" Dia. Dowel Bars) or 165 lbs/Sys OC/OA-HMA, 4, 76, Surface, 9.5 mm on 275 lbs/Sys OC/OA-HMA, 4, 76, Intermediate, 19.0 mm on 330 lbs/Sys OC/OA-HMA, 4, 64, Base, 19.0 mm on 250 lbs/Sys OC/OA-HMA, 5, 76, Intermediate, OG 19.0 mm on 385 lbs/Sys OC/OA-HMA, 4, 64, Base, 19.0 mm
- J 165 lbs/Sys OC/OA-HMA, 1, 64, Surface 9.5 mm, on 330 lbs/Sys OC/OA-HMA, 1, 64, Intermediate 19.0 mm, on 6" Compacted Aggregate, No. 53, Base
- J1 165 lbs/Sys OC/OA-HMA, 1, 64, Surface 9.5 mm, on 495 lbs/Sys OC/OA-HMA, 1, 64, Base 25.0 mm, on 7" Compacted Aggregate, No. 53, Base
- J2 Compacted Aggregate, No. 53, Variable Depth
- J3 165 lbs/Sys OC/OA-HMA, 1, 64, Surface 9.5 mm, on 330 lbs/Sys OC/OA-HMA, 1, 64, Intermediate 19.0 mm, on 660 lbs/Sys OC/OA-HMA, 1, 64, Base 25.0 mm
- T1 Subgrade Treatment:
Type 1A; Shall Be Used in Embankment and Natural Soil or Non-Durable Rock Cut Areas
Type 1C; Shall Be Used in Rock Cut Areas
(See Geotechnical Report for Approximate Locations)
- U 6" Underdrain Pipe
- Y Longitudinal Joint
- 26 Sodding
- 27 Seeding, R

* Clear Zone Varies 31'-0" to 40'-0" From Sta. 1080+57 to Sta. 1082+74
Clear Zone Is 40'-0" From Sta. 1082+74 to Sta. 1118+34
Clear Zone Varies 40'-0" to 31'-0" From Sta. 1118+34 to Sta. 1120+51
(Guardrail is Provided)

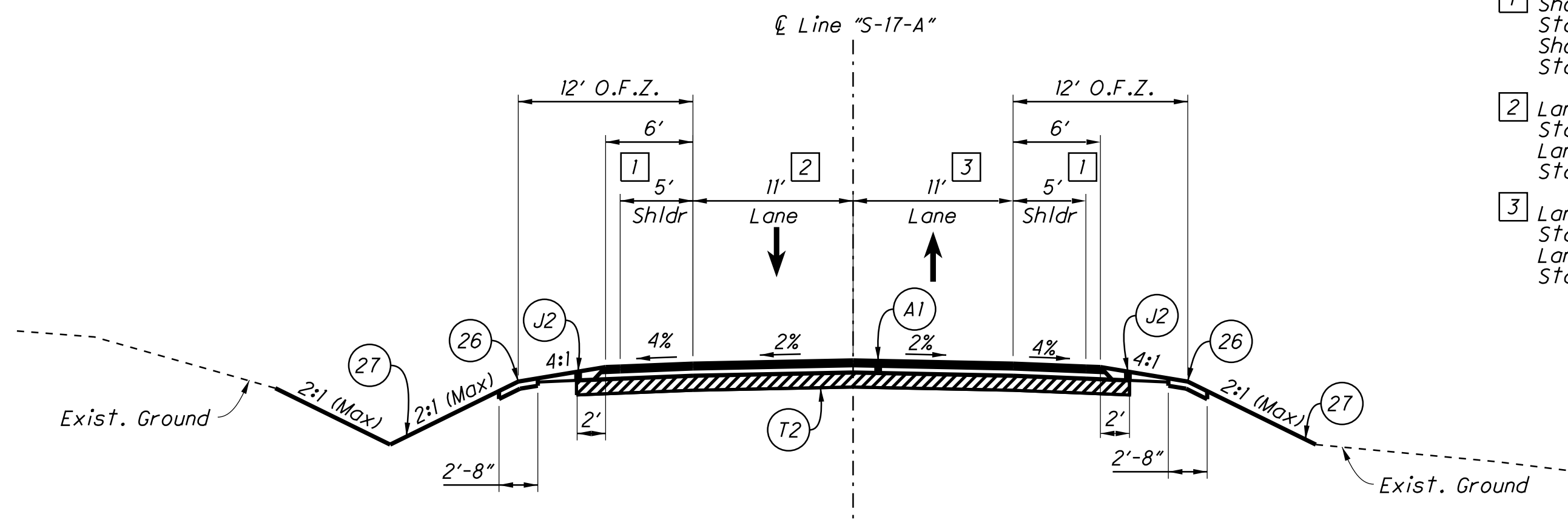
For Additional Shoulder Treatments See Sheet 25627500TY04-S7

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
LINE "A"

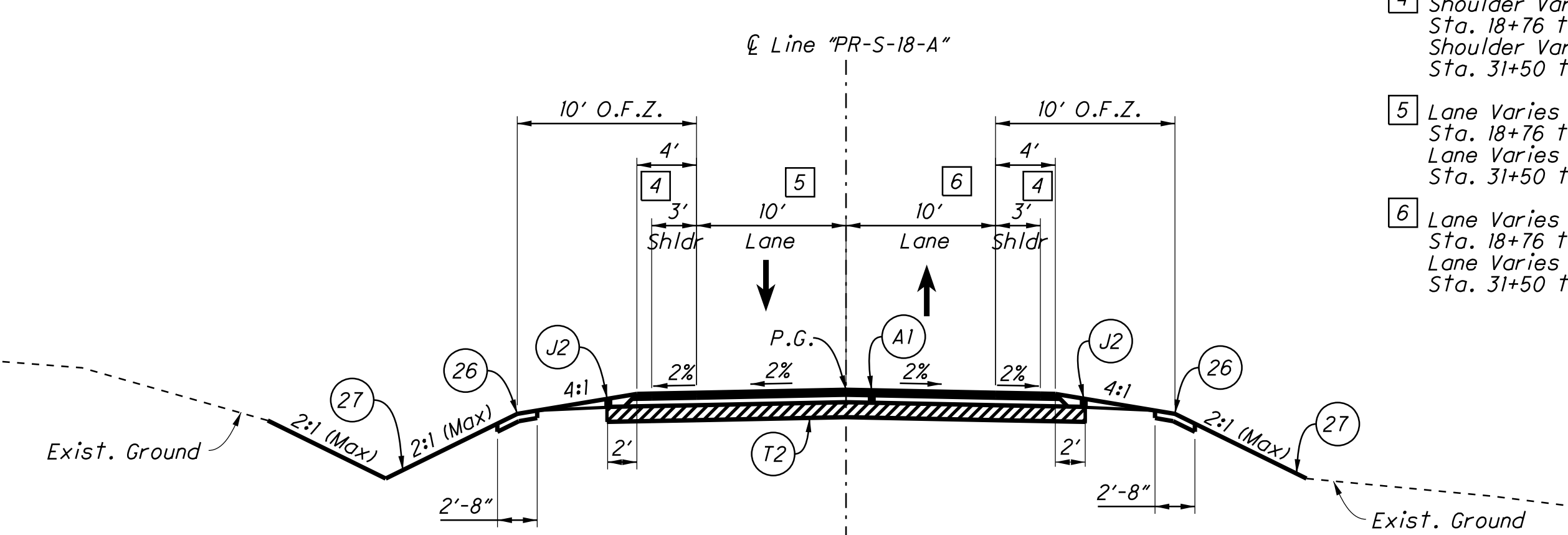
HORIZONTAL SCALE 1/8" = 1'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE TY-01
CONTRACT IR-33739	SHEETS 24 of 71 PROJECT 1006076



Typical Section Breedon Road

Sta. 45+50.00 to Sta. 49+21.50 Lt. Line "S-17-A"
Sta. 45+50.00 to Sta. 49+35.50 Rt. Line "S-17-A"
Sta. 50+63.50 Lt. to Sta. 54+50.00 Line "S-17-A"
Sta. 50+78.51 Rt. to Sta. 54+50.00 Line "S-17-A"

- 1 Shoulder Varies 2'-0" to 5'-0" From Sta. 45+50 to Sta. 46+00
Shoulder Varies 5'-0" to 2'-0" From Sta. 54+00 to Sta. 54+50
- 2 Lane Varies 10'-11" to 11'-00" From Sta. 45+50 to Sta. 46+00
Lane Varies 11'-0" to 10'-11" From Sta. 54+00 to Sta. 54+50
- 3 Lane Varies 11'-1" to 11'-0" From Sta. 45+50 to Sta. 46+00
Lane Varies 11'-0" to 11'-2" From Sta. 54+00 to Sta. 54+50



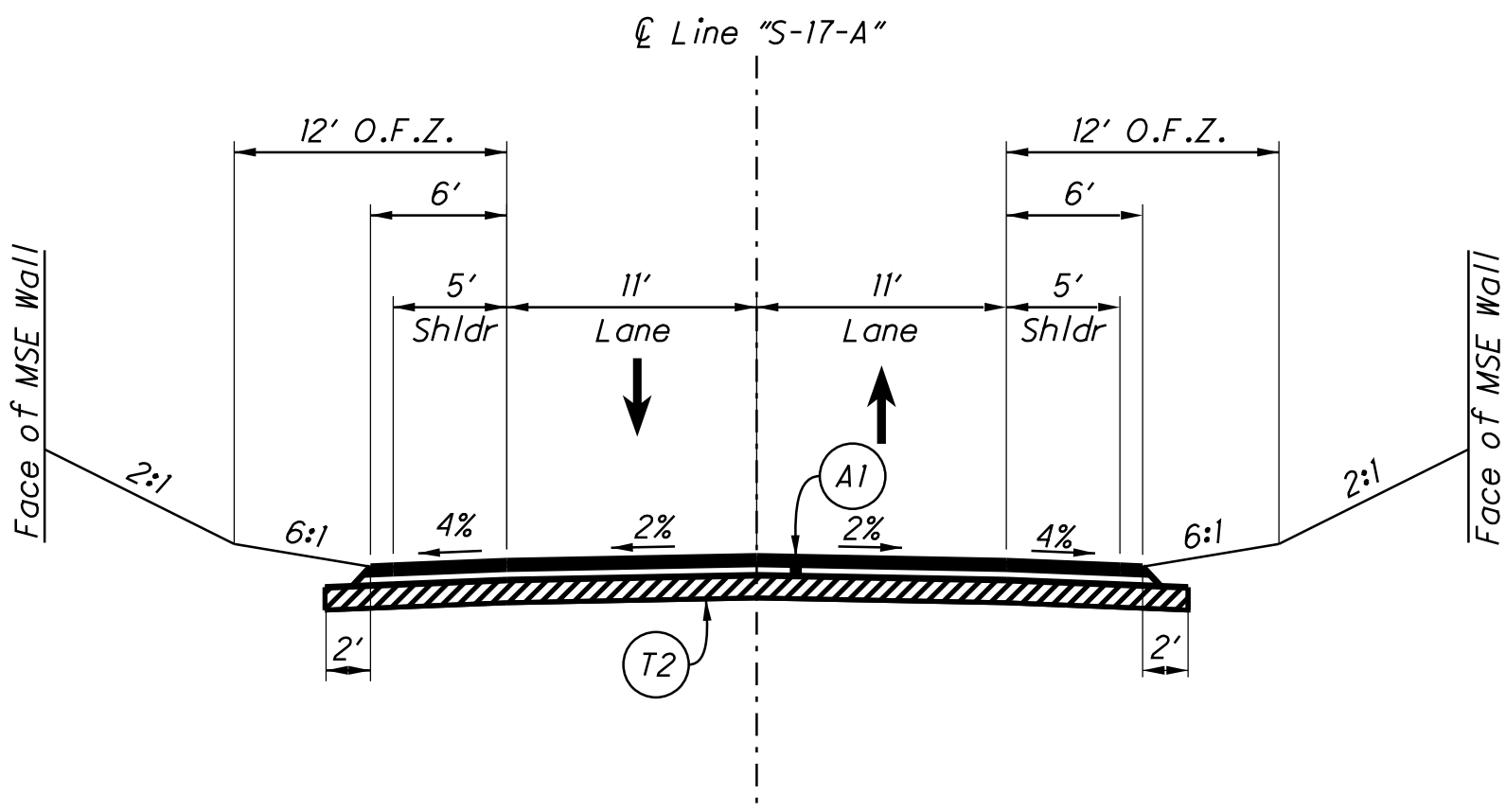
Typical Section Burch Road

Sta. 18+76.00 to Sta. 19+39.99 Line "PR-S-18-A"
Sta. 30+34.71 to Sta. 32+00.00 Line "PR-S-18-A"

- 4 Shoulder Varies 2'-0" to 3'-0" From Sta. 18+76 to Sta. 19+26
Shoulder Varies 3'-0" to 2'-0" From Sta. 31+50 to Sta. 32+00
- 5 Lane Varies 7'-5" to 10'-0" From Sta. 18+76 to Sta. 19+26
Lane Varies 10'-0" to 6'-5" From Sta. 31+50 to Sta. 32+00
- 6 Lane Varies 7'-0" to 10'-0" From Sta. 18+76 to Sta. 19+26
Lane Varies 10'-0" to 6'-0" From Sta. 31+50 to Sta. 32+00

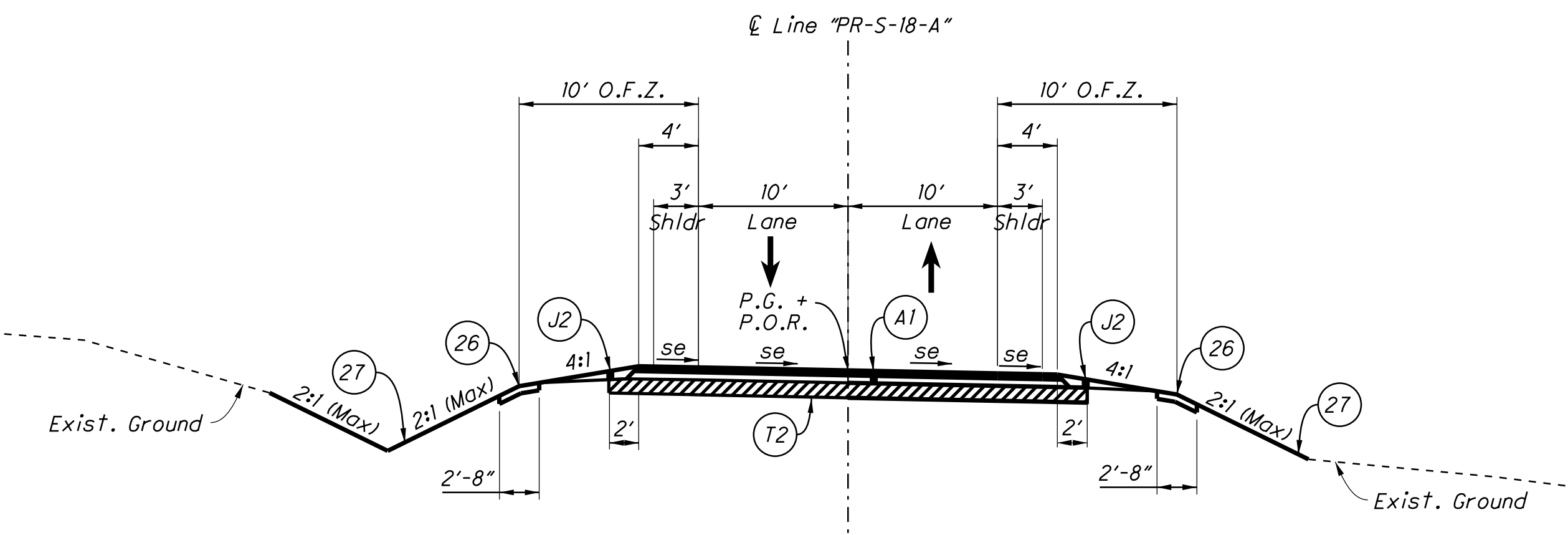
Paving Exceptions

Sta. 24+84.55 to Sta. 27+16.27 "PR-S-18-A"



Typical Section Breedon Road Under I-69

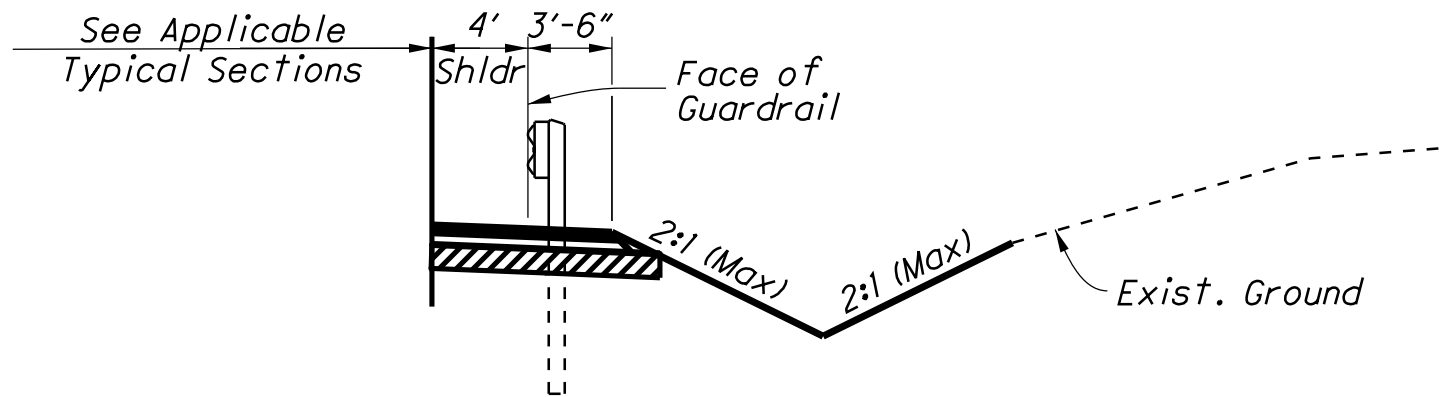
Sta. 49+21.50 Lt. to Sta. 50+63.50 Lt. Line "S-17-A"
Sta. 49+35.50 Rt. to Sta. 50+78.51 Rt. Line "S-17-A"



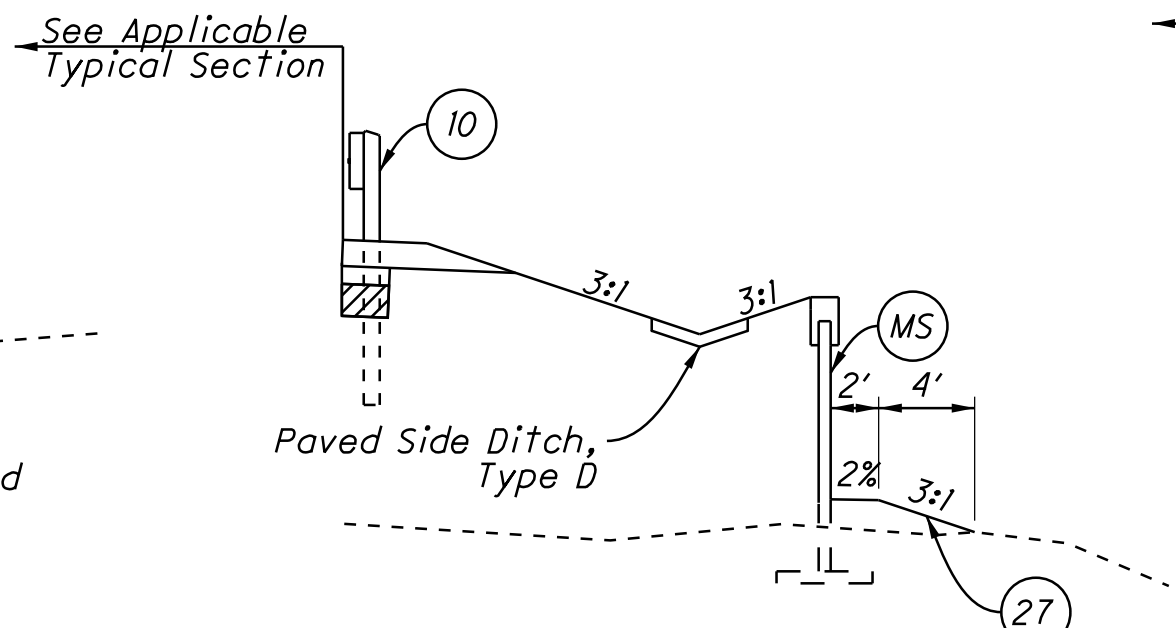
Typical Superelevated Section Burch Road

Sta. 19+39.99 to Sta. 24+84.55 Line "PR-S-18-A" e = 4.2%
Sta. 27+16.27 to Sta. 30+34.71 Line "PR-S-18-A" e = 3.2%

- A1 165 lbs/Sys HMA, Surface, Type "A" on 275 lbs/Sys HMA, Intermediate, Type "A" on 6" Compacted Aggregate, No. 53, Base
- J2 Compacted Aggregate, No. 53, Variable Depth
- T2 Subgrade Treatment, Type IIA
- 26 Sodding
- 27 Seeding, R
- 10 Guardrail
- MS MSE Wall

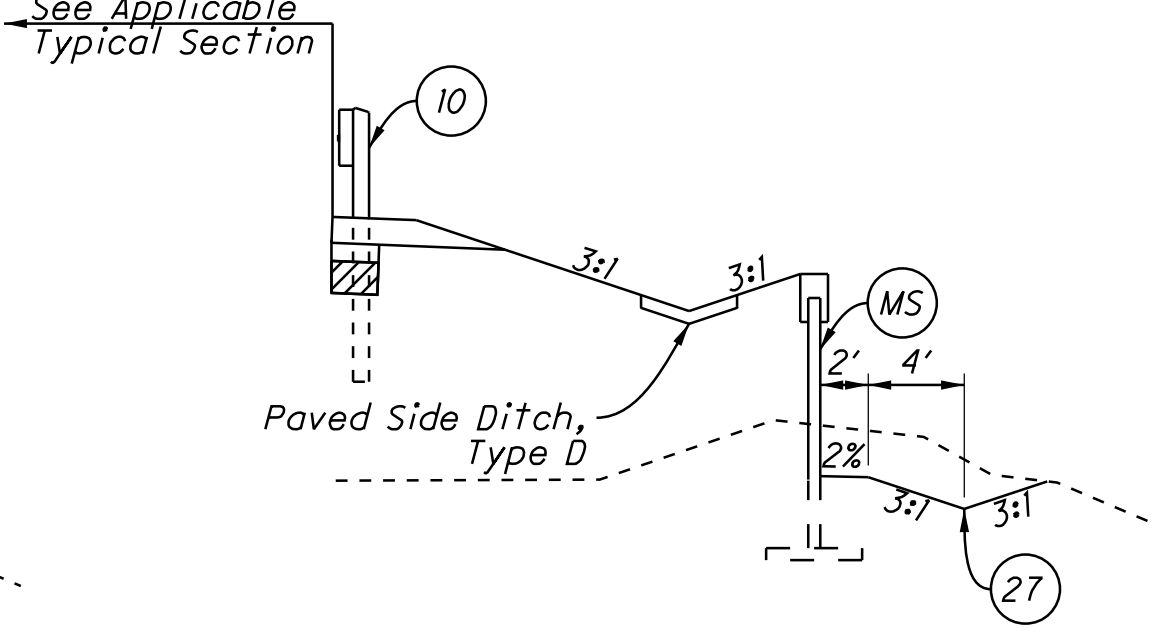


Burch Road Shoulder w/Guardrail



Burch Road - Fill

Sta. 28+08.20 to Sta. 28+50.00 Line "PR-S-18-A"



Burch Road - Cut

Sta. 28+50.00 to Sta. 29+25.00 Line "PR-S-18-A"

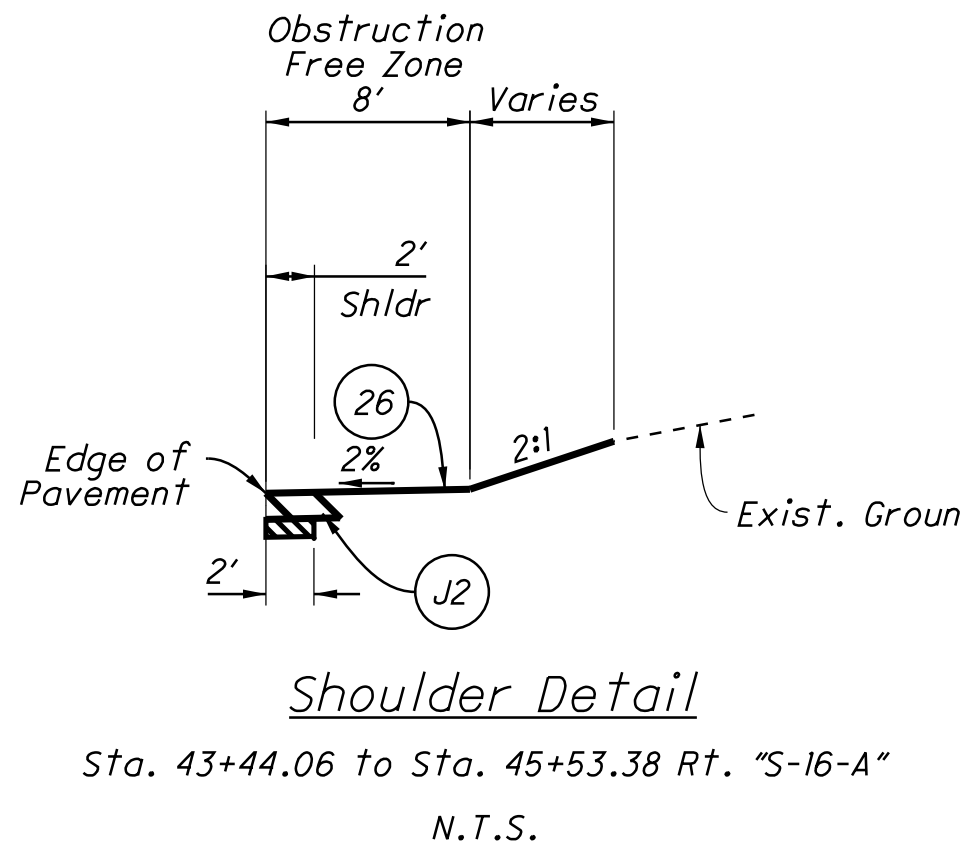
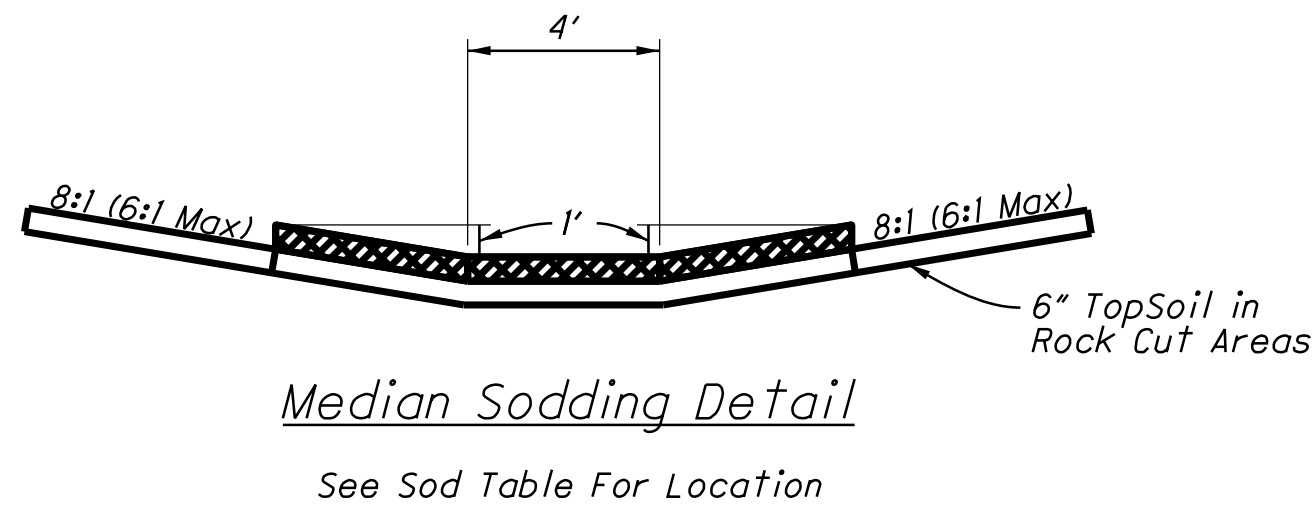
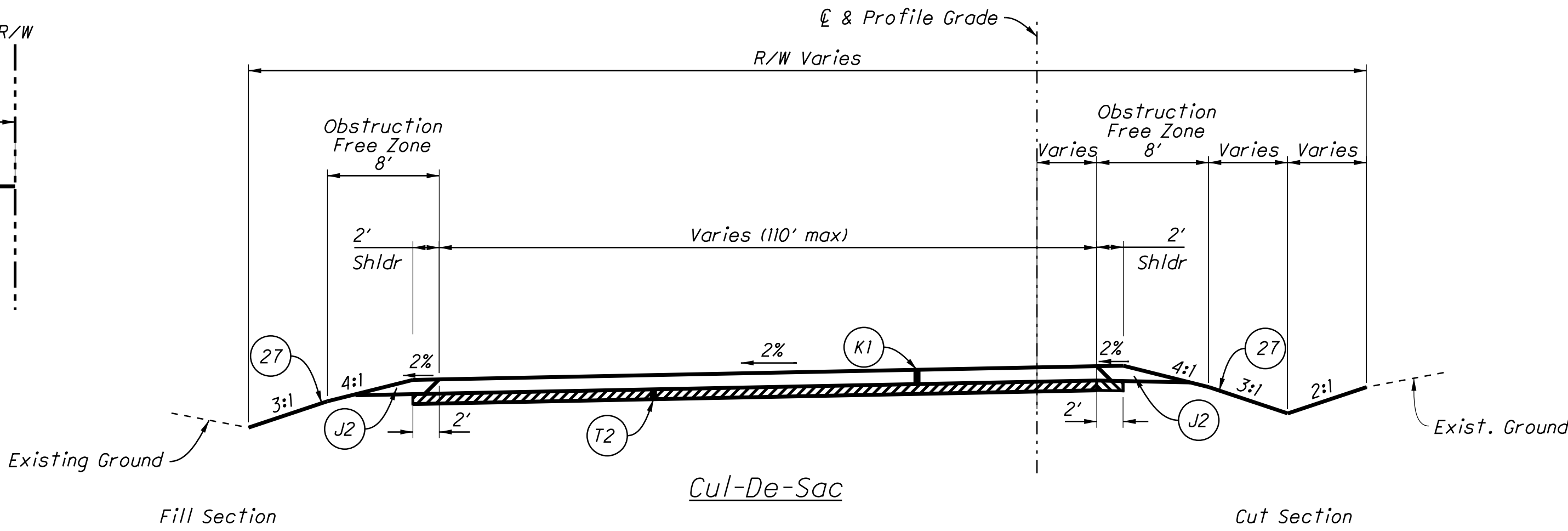
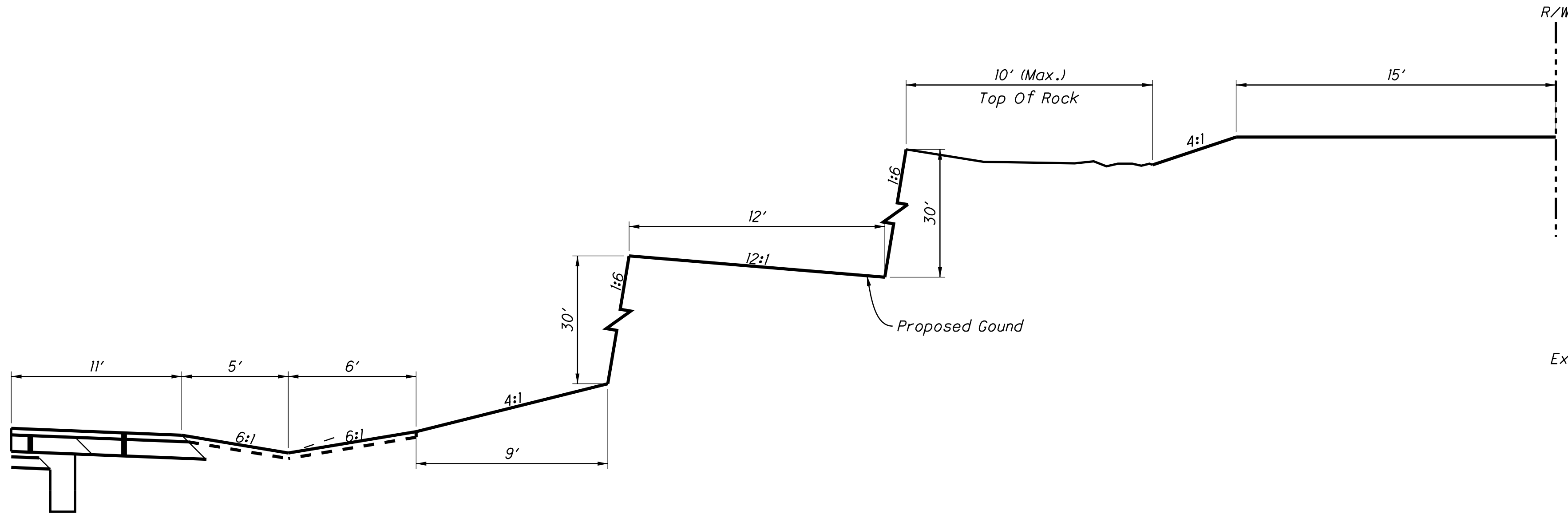
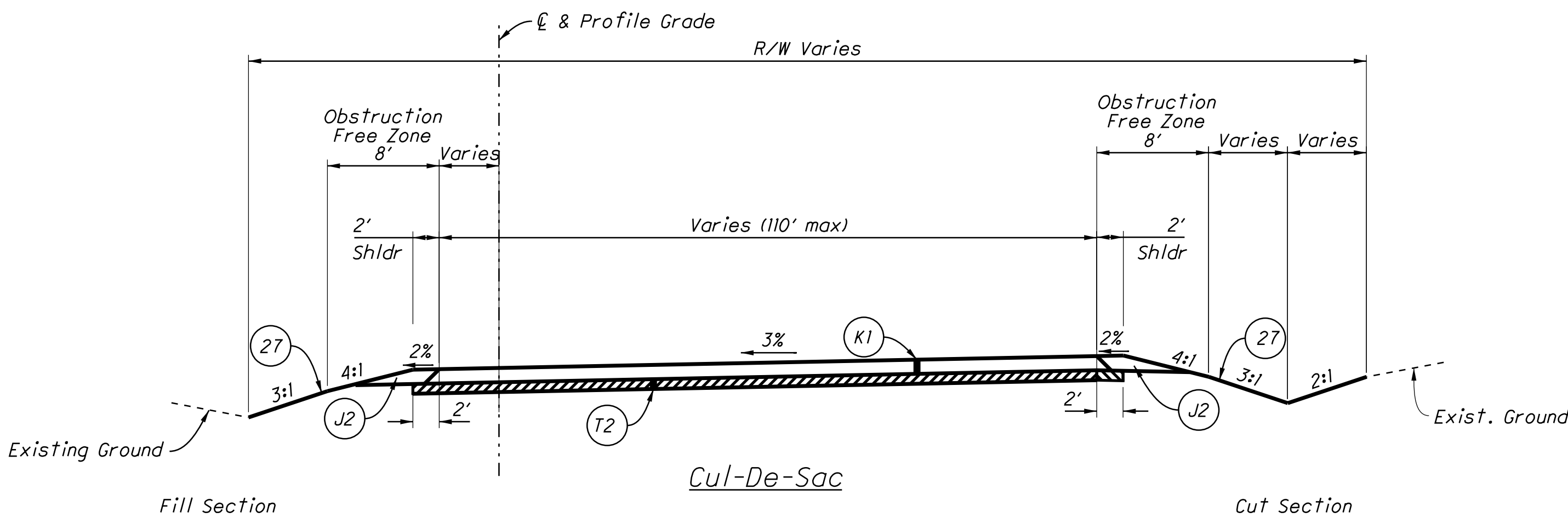
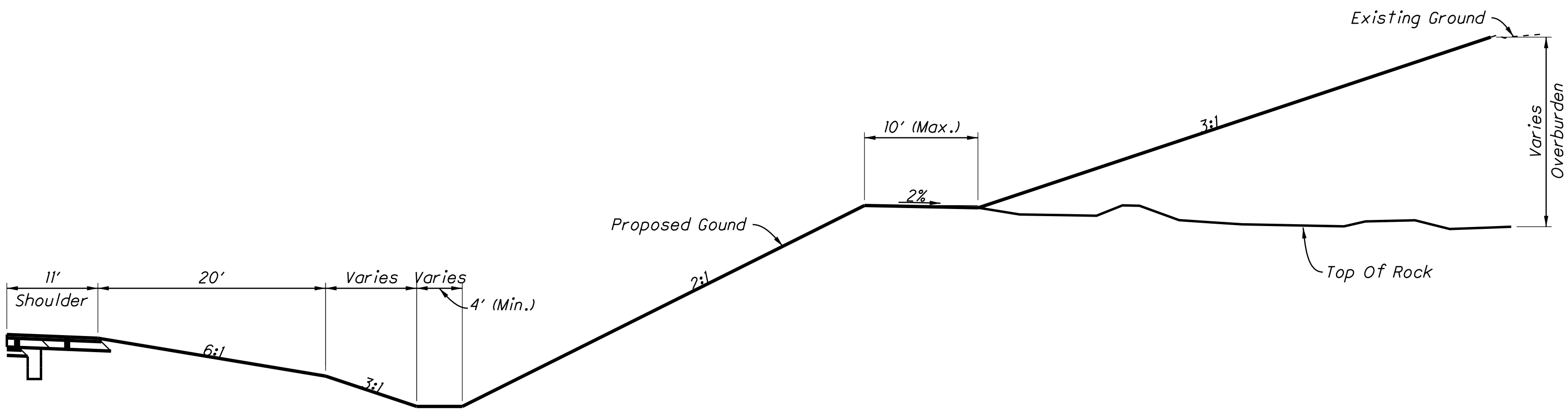
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RECOMMENDED FOR APPROVAL	DESIGN ENGINEER	DATE
DESIGNED: CP	DRAWN: ETD	
CHECKED: AJD	CHECKED: JAC	

INDIANA DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS S-LINES

HORIZONTAL SCALE 1/8" = 1'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE TY-02
CONTRACT IR-33739	SHEETS 25 of 71 PROJECT 1006076



- (K1) 165 lbs/Sys HMA Surface, Type A on 275 lbs/Sys HMA Intermediate, Type A on 6" Compacted Aggregate, No. 53, Base
- (J2) Compacted Aggregate, #53
- (26) Sodding
- (27) Seeding, R
- (T2) Subgrade Treatment Type IIA

DATE: 5/8/2012
TIME: 1:28:37 PM
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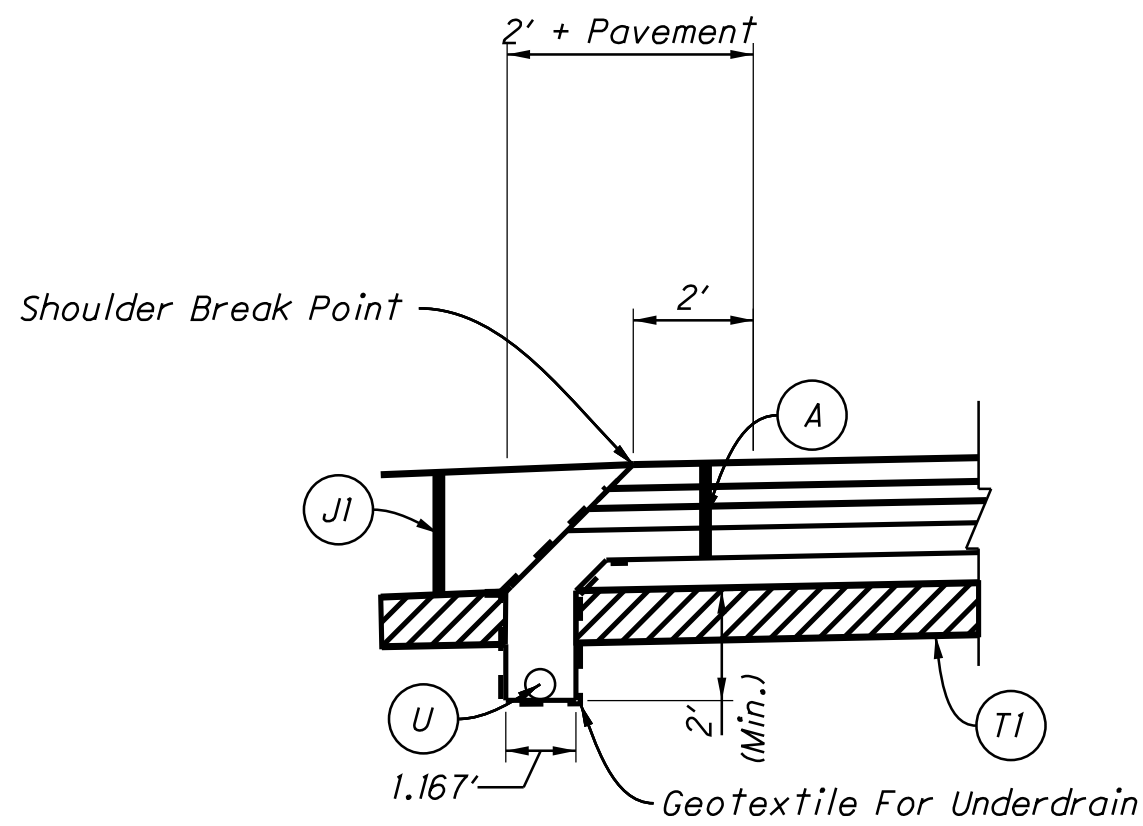
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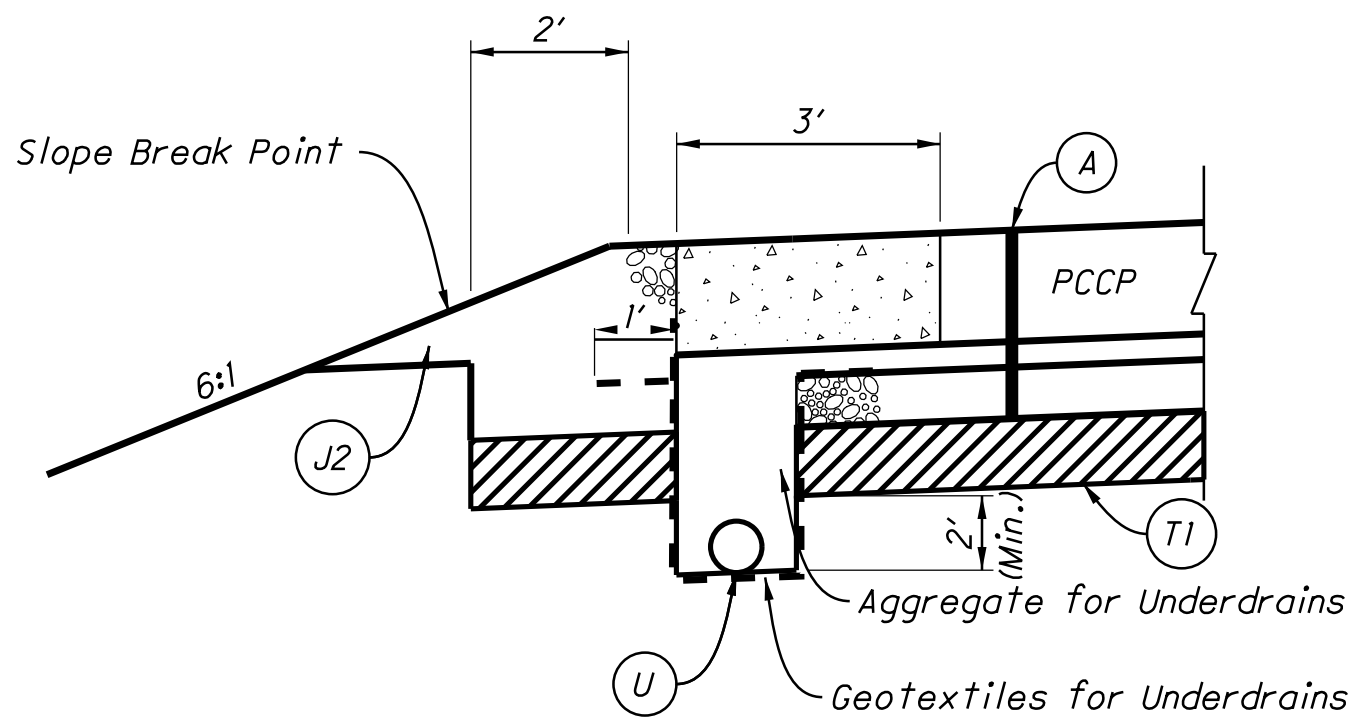
RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER	DATE
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
TYPICAL SECTIONS	

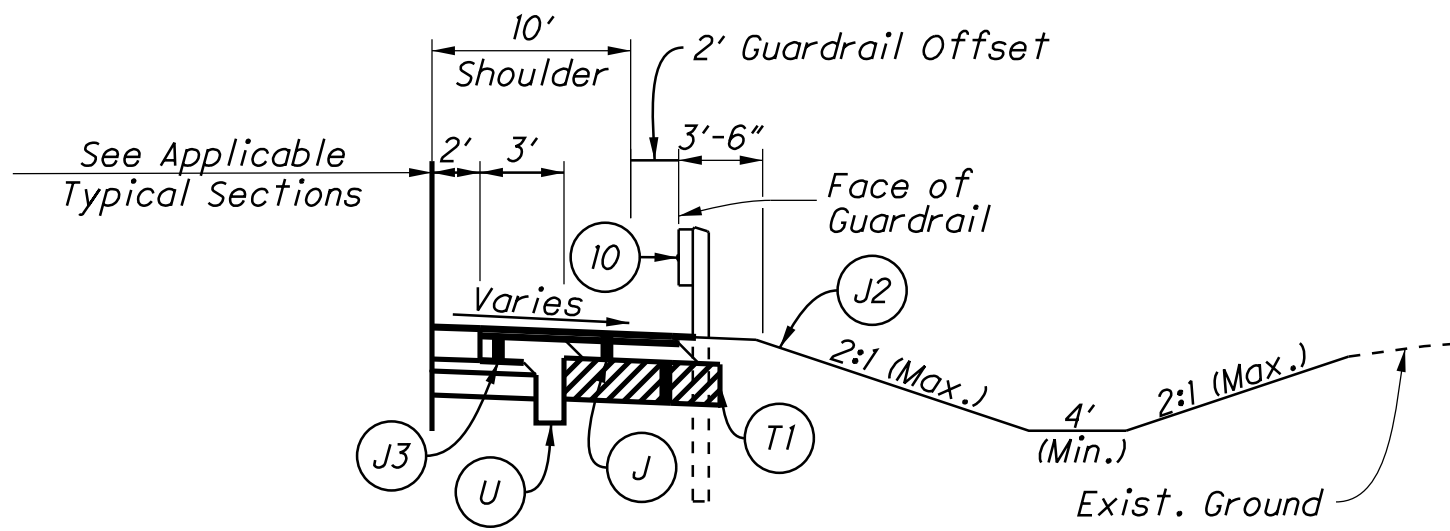
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NTS	
VERTICAL SCALE	DESIGNATION
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SURVEY BOOK	PAGE
ELECTRONIC / AERIAL	7Y-03
CONTRACT	PROJECT
IR-33739	1006076



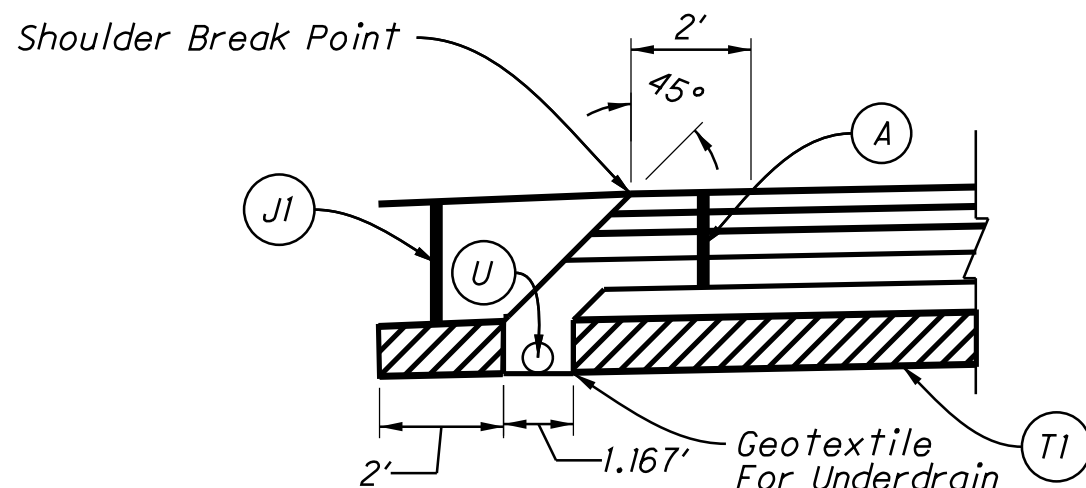
Underdrain Detail At Outside Shoulder Adjacent to HMA Travel Lane
N.T.S.



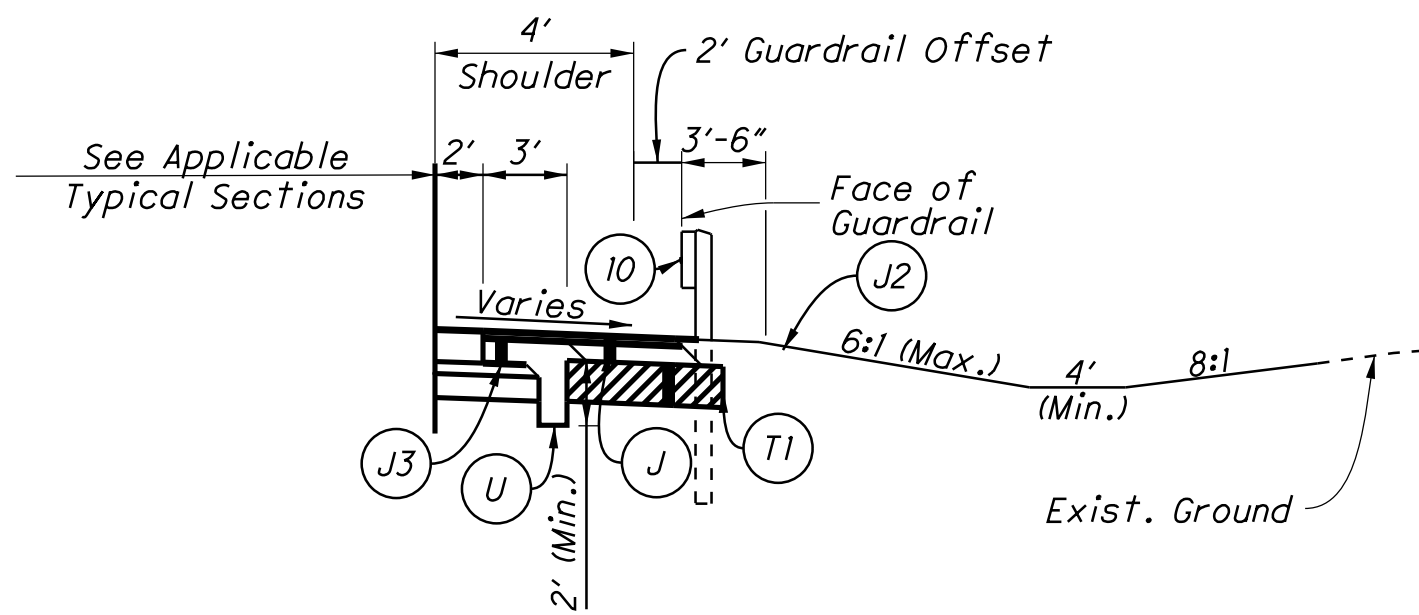
Optional PCCP Shoulder w/Underdrain Detail
N.T.S.



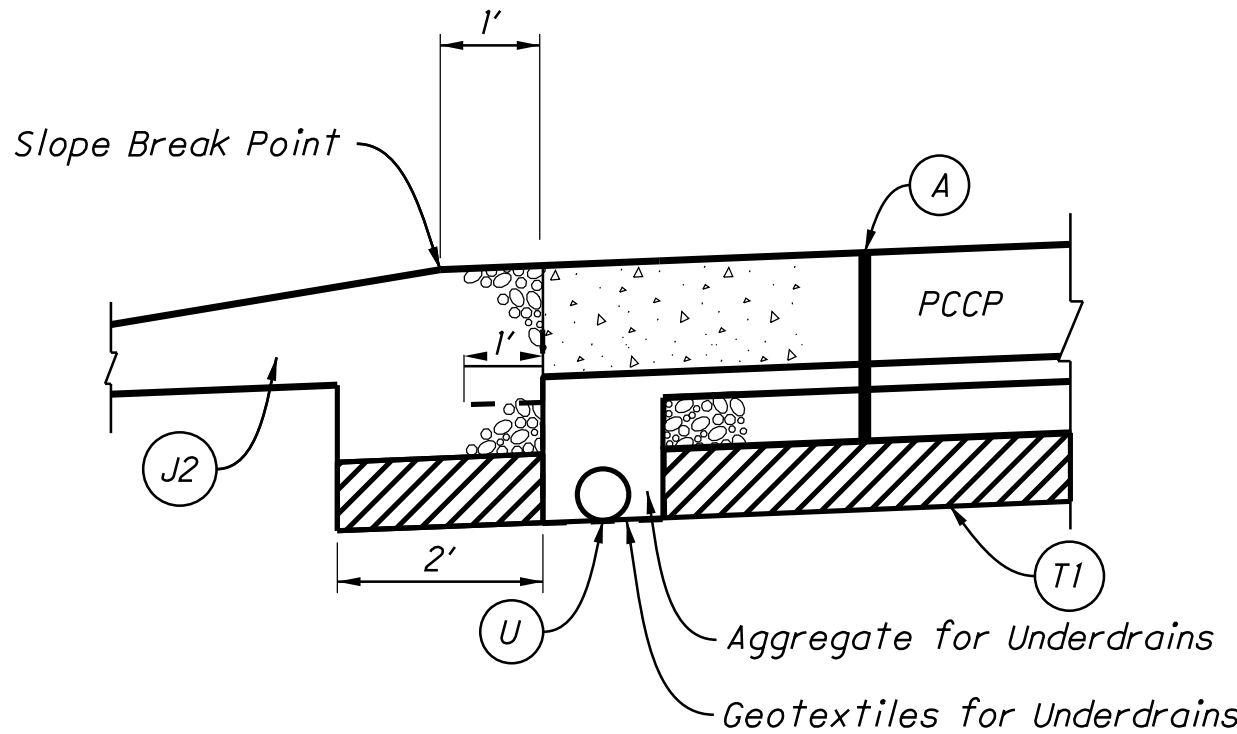
Outside Shoulder w/Guardrail
N.T.S.



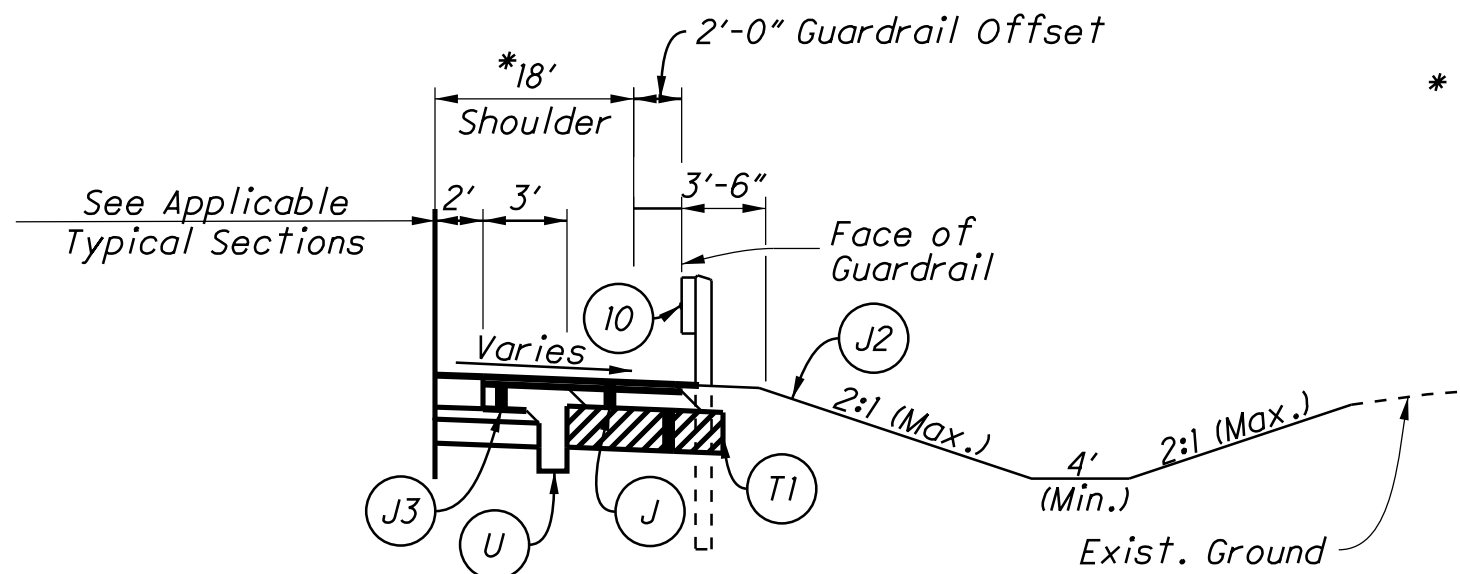
HMA w/Underdrain Detail In Rock Cut
N.T.S.



Median Shoulder w/Guardrail
N.T.S.



Optional PCCP Shoulder w/Underdrain Detail In Rock Cut
N.T.S.

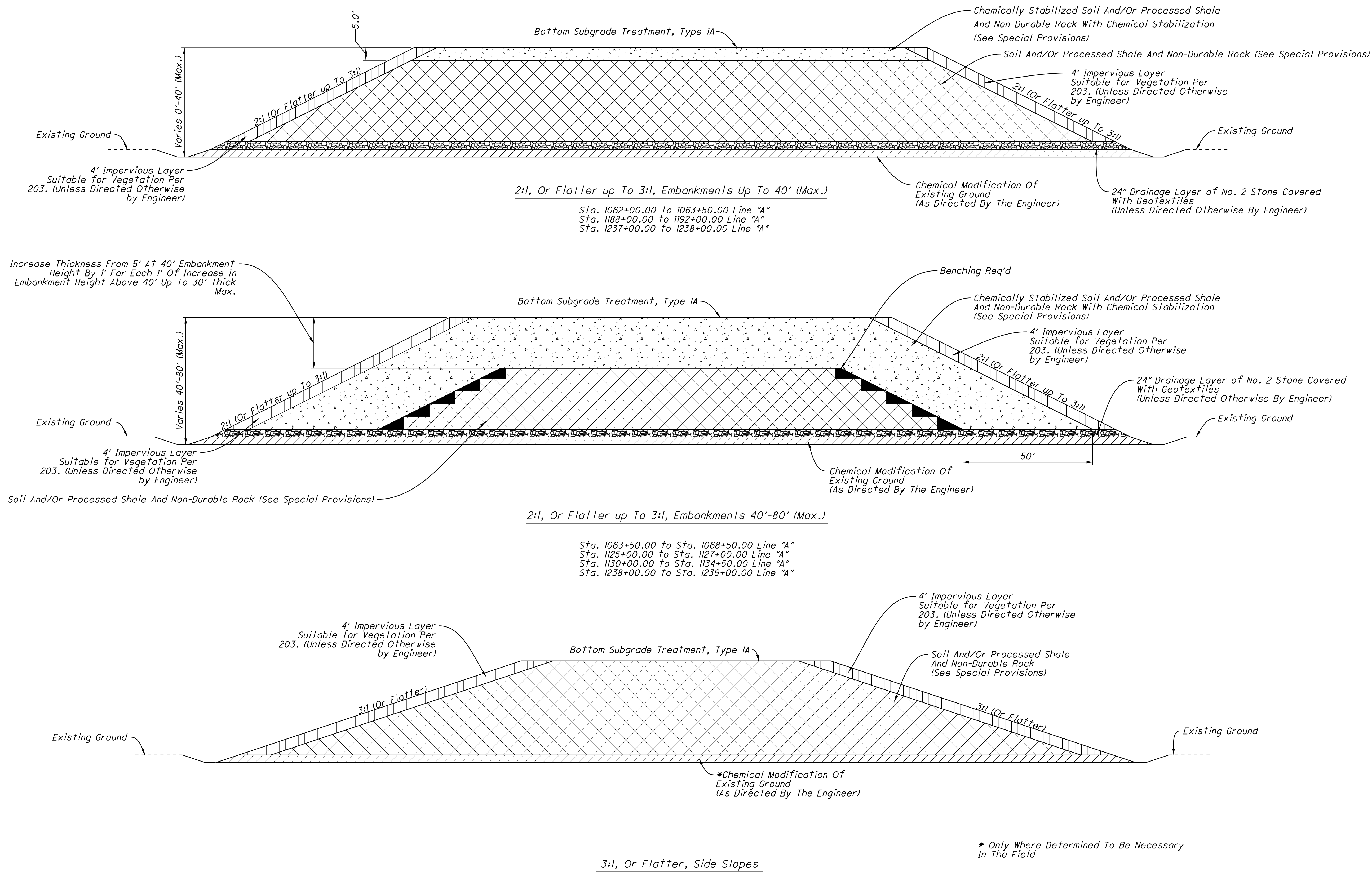


Extended Outside Shoulder w/Guardrail
N.T.S.
Sta. 1080+00.00 to Sta. 1104+50.00 Line "A" (RT.)

* Shoulder Transitions From 12'-0" to 18'
From Sta. 1080+00.00 "A" Rt. To Sta.
1082+73.85 "A" Rt.

- A OC/OA, 10.5" on Subbase For PCCP (D-I Joints @ 15' O.C. w/1.5" Dia. Dowel Bars) or 165 lbs/Sys OC/OA-HMA, 4, 76, Surface, 9.5 mm on 275 lbs/Sys OC/OA-HMA, 4, 76, Intermediate, 19.0 mm on 330 lbs/Sys OC/OA-HMA, 4, 64, Base, 19.0 mm on 250 lbs/Sys OC/OA-HMA, 5, 76, Intermediate, OG 19.0 mm on 385 lbs/Sys OC/OA-HMA, 4, 64, Base, 19.0 mm
- J 165 lbs/Sys OC/OA-HMA, 1, 64, Surface 9.5 mm, on 330 lbs/Sys OC/OA-HMA, 1, 64, Intermediate 19.0 mm, on 6" Compacted Aggregate, No. 53, Base
- J1 165 lbs/Sys OC/OA-HMA, 1, 64, Surface 9.5 mm, on 495 lbs/Sys OC/OA-HMA, 1, 64, Base 25.0 mm, on 7" Compacted Aggregate, No. 53, Base
- J2 Compacted Aggregate, No. 53, Variable Depth
- J3 165 lbs/Sys OC/OA-HMA, 1, 64, Surface 9.5 mm, on 330 lbs/Sys OC/OA-HMA, 1, 64, Intermediate 19.0 mm, on 660 lbs/Sys OC/OA-HMA, 1, 64, Base 25.0 mm
- 10 Guardrail
- T1 Subgrade Treatment: Type 1A; Shall Be Used in Embankment and Natural Soil or Non-Durable Rock Cut Areas Type 1C; Shall Be Used in Rock Cut Areas (See Geotechnical Report For Approximate Locations)
- U 6" Underdrain Pipe

		RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
						NTS	
						VERTICAL SCALE	DESIGNATION
							1006076
DESIGNED: CP		DRAWN: ETD		TYPICAL SECTIONS		SURVEY BOOK	PAGE SHEETS
CHECKED: AJD		CHECKED: JAC				ELECTRONIC / AERIAL	TY-04 27 of 71
						CONTRACT	PROJECT
						IR-33739	1006076



* Only Needs To Be Thicker Than 2' Where Settlement May Be An Issue. Areas Where This Needs To Be Thicker Will Be Defined In Geotech Report

DATE: 5/8/2012
TIME: 1:28:38 PM
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		RECOMMENDED FOR APPROVAL		INDIANA DEPARTMENT OF TRANSPORTATION		HORIZONTAL SCALE	BRIDGE FILE
		DESIGN ENGINEER		TYPICAL SECTIONS		VERTICAL SCALE	DESIGNATION
		DATE		2:1 to 3:1 Side Slopes		NTS	1006076
		DESIGNED: CP	DRAWN: ETD			SURVEY BOOK	PAGE
		CHECKED: AJD	CHECKED: JAC			ELECTRONIC / AERIAL	TY-05
						CONTRACT	PROJECT
						IR-33739	1006076

Monument Type "C" Req'd
P.O.T. Sta. 1003+00.00 "A"

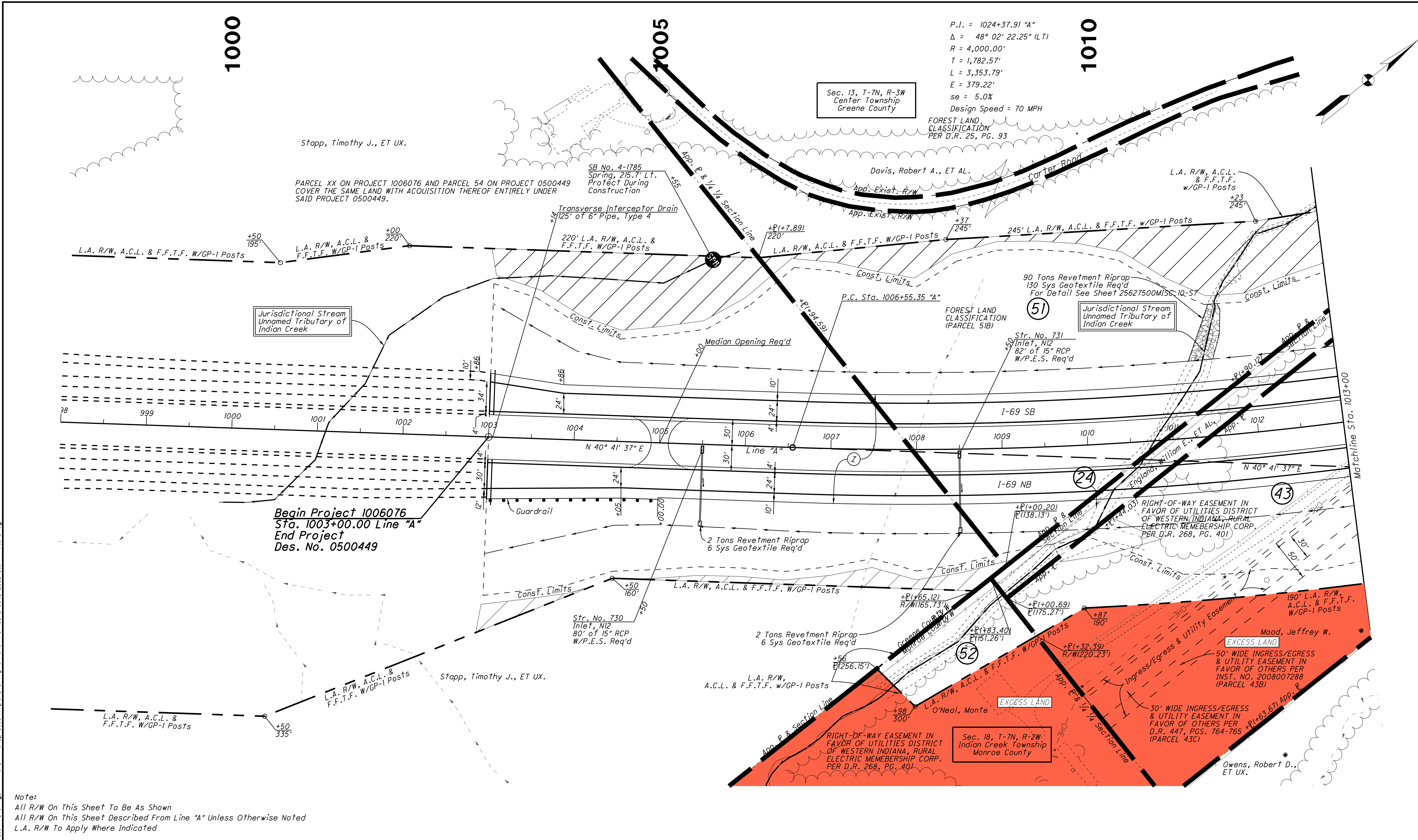
Monument Type "C" Req'd
Sta. 1006+07.89 "A", 220' Lt.

Monument Type "C" Req'd
P.C. Sta. 1006+55.35 "A"

Monument Type "Section Corner" Req'd
Sta. 1008+83.40 "A", 151.3' Rt.

Monument Type "Section Corner" Req'd
Sta. 1009+00.20 "A", 138.1' Rt.

R/W Code: 5538



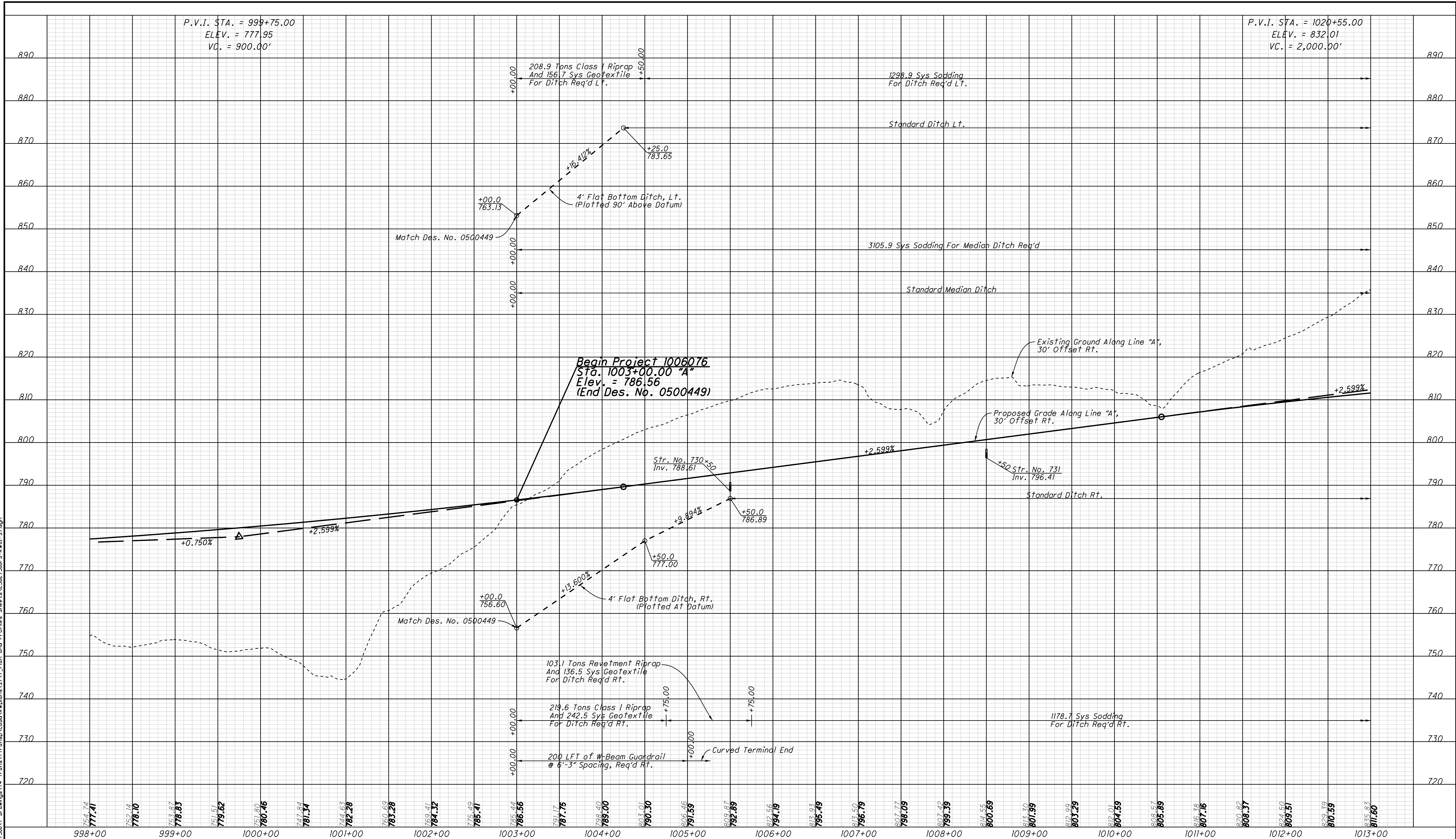
Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend	
	Begin L.A. R/W
	End L.A. R/W
	Do Not Disturb Trees

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 998+00 to Sta. 1013+00 "A"	

HORIZONTAL SCALE		BRIDGE FILE	
1" = 50'		DESIGNATION	
VERTICAL SCALE		1006076	
SURVEY BOOK		PAGE	
ELECTRONIC / AERIAL		PP-01	
CONTRACT		SHEETS	
IR-33739		29 of 71	
		PROJECT	
		1006076	



DATE: 5/8/2012
TIME: 1:28:43 PM
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RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET	
Sta. 998+00 to Sta. 1013+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PS-01
CONTRACT IR-33739	SHEETS 30 of 71
PROJECT 1006076	

Monument Type "C" Req'd
P.O.C. Sta. 1016+00.00 "A" Sta. 1016+20.62 "A", 300' Lt.

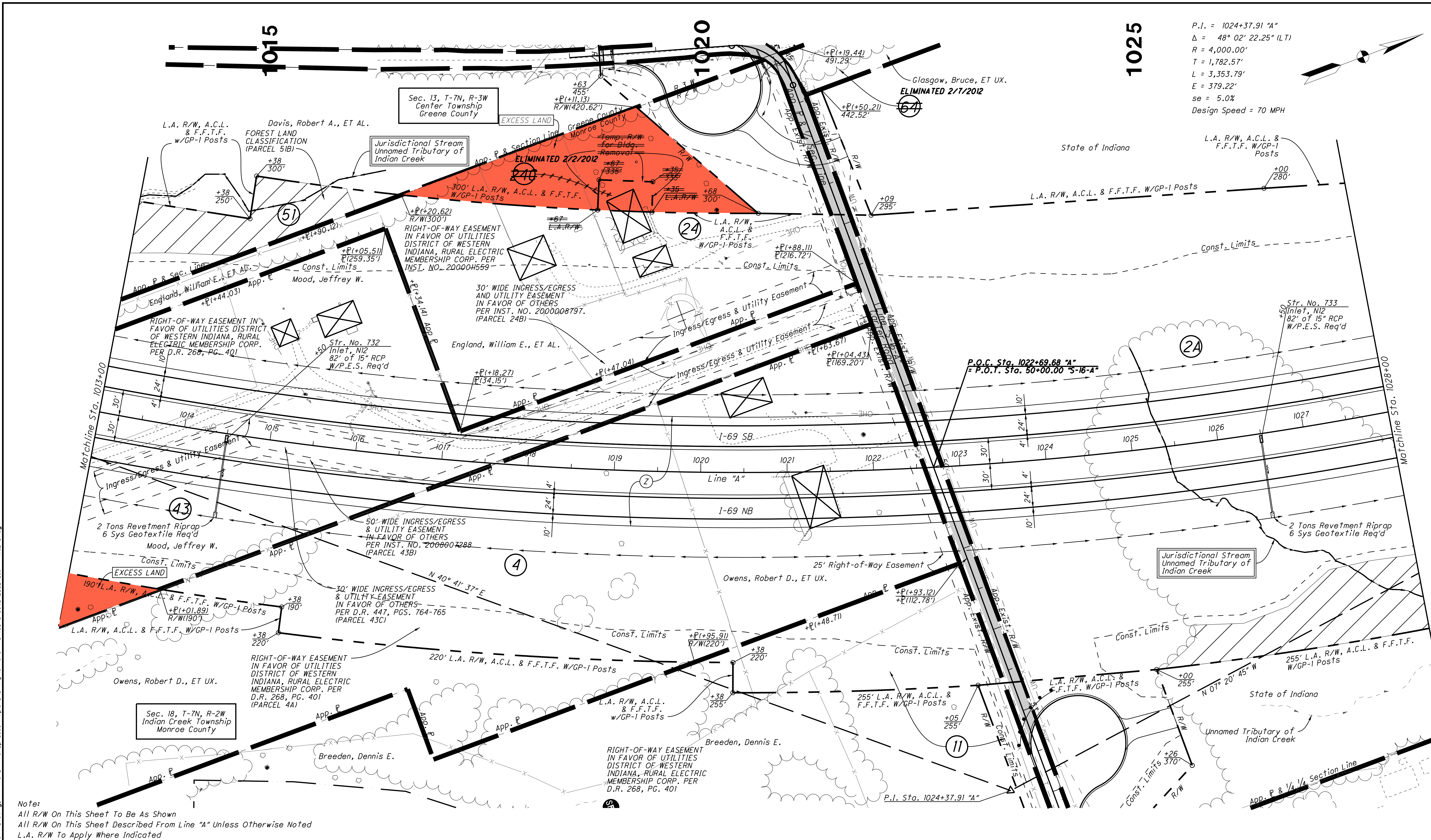
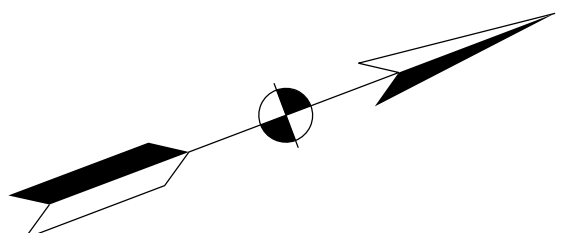
Monument Type "C" Req'd
Sta. 1019+11.13 "A", 420.6' Lt.

Monument Type "C" Req'd
Sta. 1021+28.42 "A", 494.1' Lt.

Monument Type "C" Req'd
P.O.C. Sta. 1026+00.00 "A"

R/W Code: 5538

P.I. = 1024+37.91 "A"
 $\Delta = 48^\circ 02' 22.25"$ (LT)
 $R = 4,000.00'$
 $T = 1,782.57'$
 $L = 3,353.79'$
 $E = 379.22'$
 $se = 5.0\%$
Design Speed = 70 MPH



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend

- Building Removal
- Remove Existing Roadway
- Spring
- Do Not Disturb Trees

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER DATE

DESIGNED: CP DRAWN: ETD

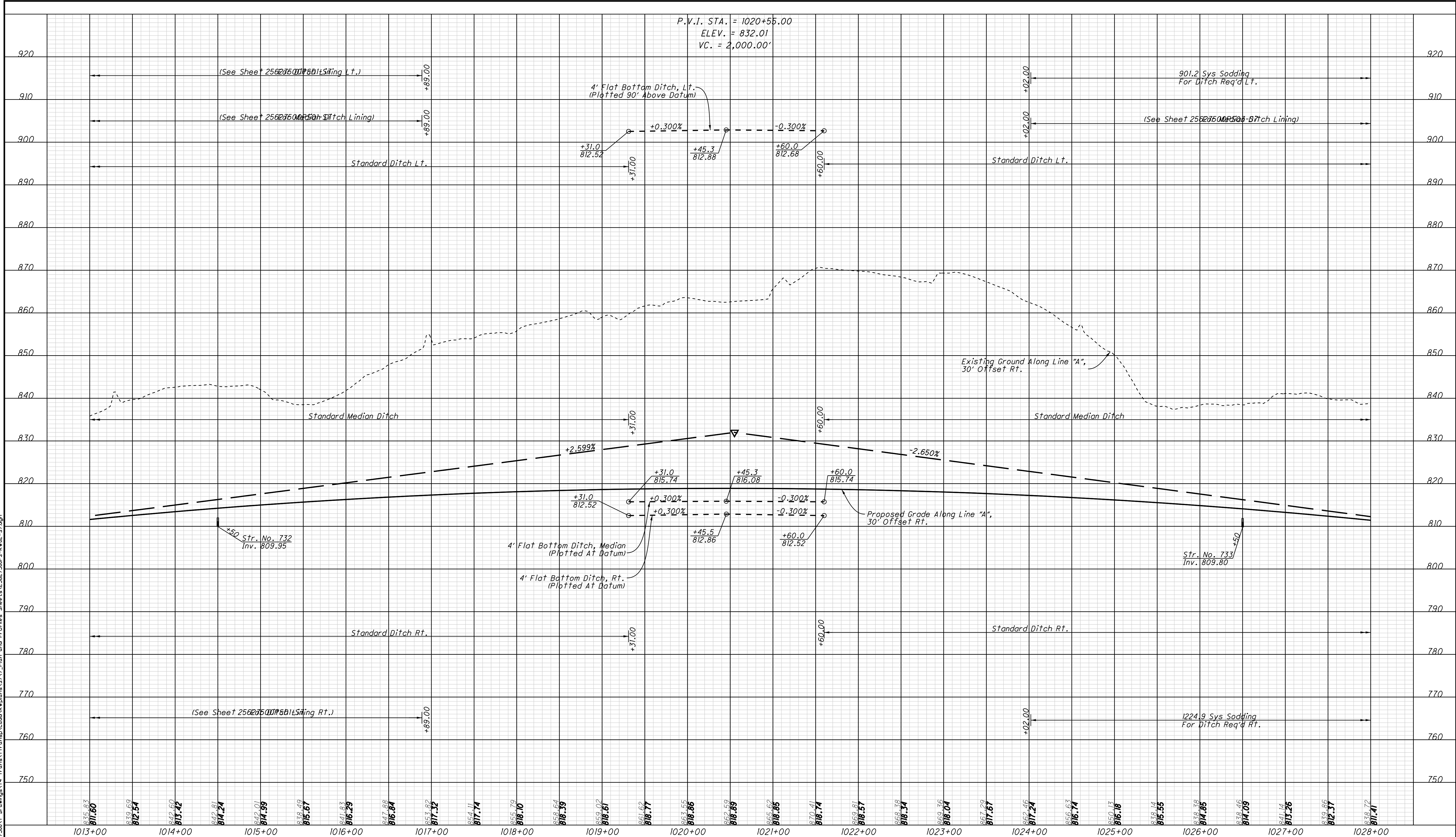
CHECKED: AJD CHECKED: JAC

INDIANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS
Sta. 1013+00 to Sta. 1028+00 "A"

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL CONTRACT IR-33739	PAGE PP-02 PROJECT 1006076
	SHEETS 31 of 71

DATE: 5/8/2012
TIME: 1:28:45 PM
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DESIGNED: <u>CP</u>	
CHECKED: <u>AJD</u>	

DRAWN: <u>ETD</u>	
CHECKED: <u>JAC</u>	

RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER	DATE

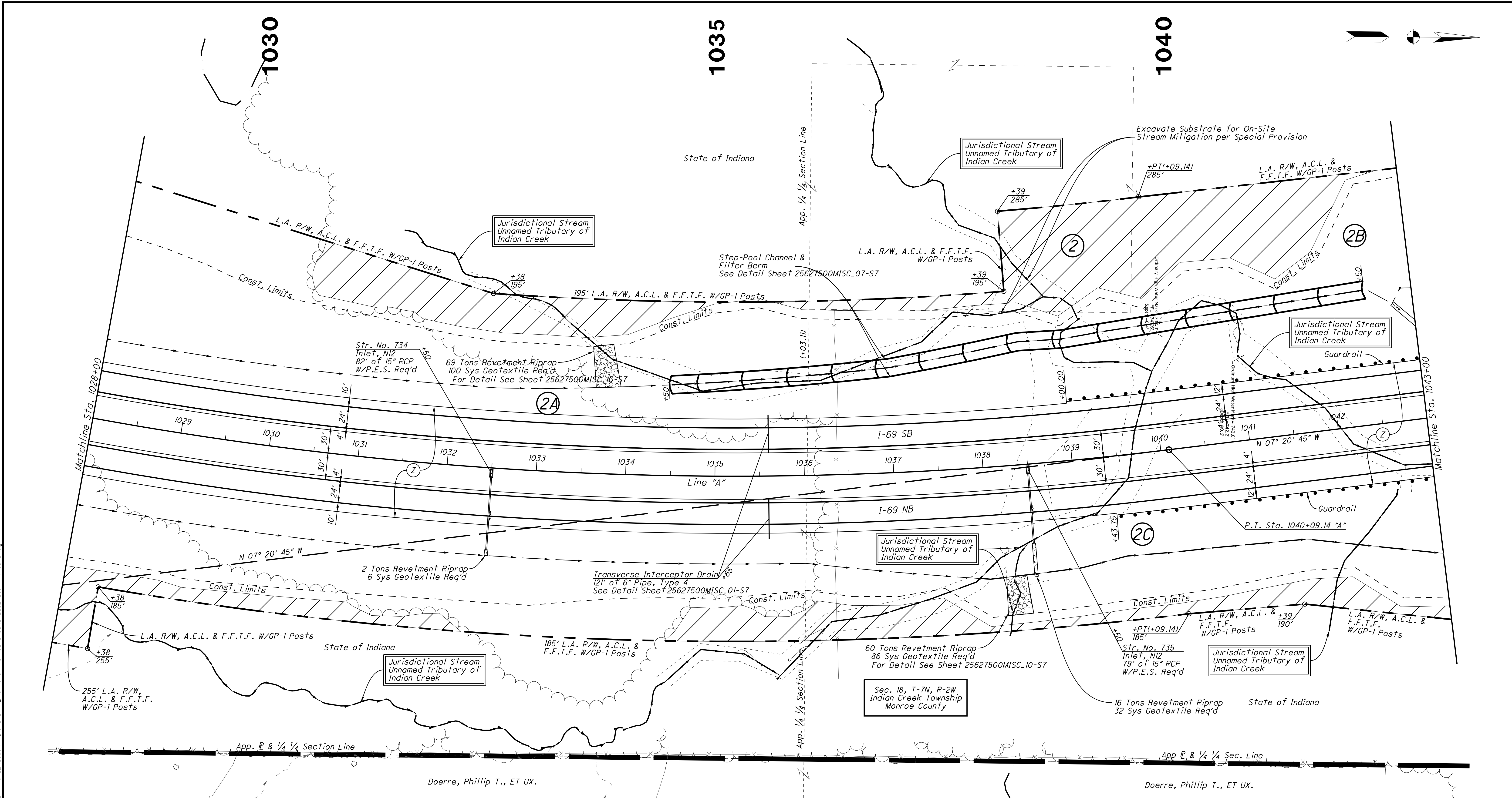
INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET	
Sta. 1013+00 to Sta. 1028+00 "A"	

HORIZONTAL SCALE 1" = 50'	
VERTICAL SCALE 1" = 10'	
BRIDGE FILE	
DESIGNATION 1006076	
SURVEY BOOK	
ELECTRONIC / AERIAL	
CONTRACT IR-33739	
PAGE PS-02	
SHEETS 32 of 71	
PROJECT 1006076	

Monument Type "C" Req'd
P.O.C. Sta. 1036+00.00 "A"

Monument Type "C" Req'd
P.T. Sta. 1040+09.14 "A"

R/W Code: 5538



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Do Not Disturb Trees

RECOMMENDED
FOR APPROVAL
DESIGN ENGINEER
DATE

DESIGNED: CP
DRAWN: ETD
CHECKED: AJD
CHECKED: JAC

INDIANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS
Sta. 1028+00 to Sta. 1043+00 "A"

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL CONTRACT IR-33739	PAGE PP-03 PROJECT 1006076
	SHEETS 33 of 71

DATE: 5/8/2012
TIME: 1:28:53 PM
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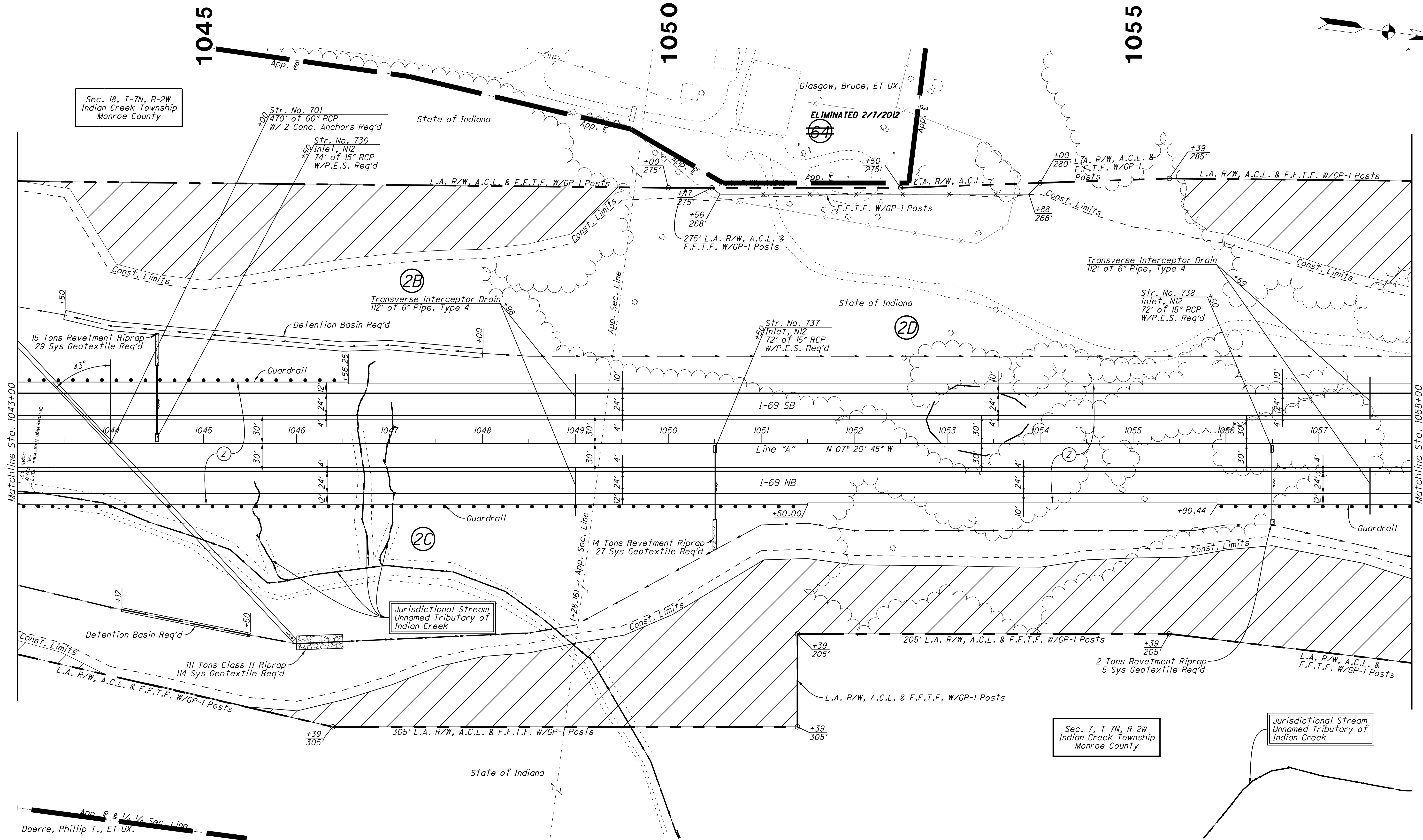
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P.O.T. Sta. 1047+00.00 "A"

Monument Type "C" Req'd
Sta. 1048+88.46 "A", 305' Rt.

Monument Type "C" Req'd
Sta. 1049+63.99 "A", 275.4' Lt.

Monument Type "C" Req'd
P.O.T. Sta. 1057+00.00 "A"

R/W Code: 5538



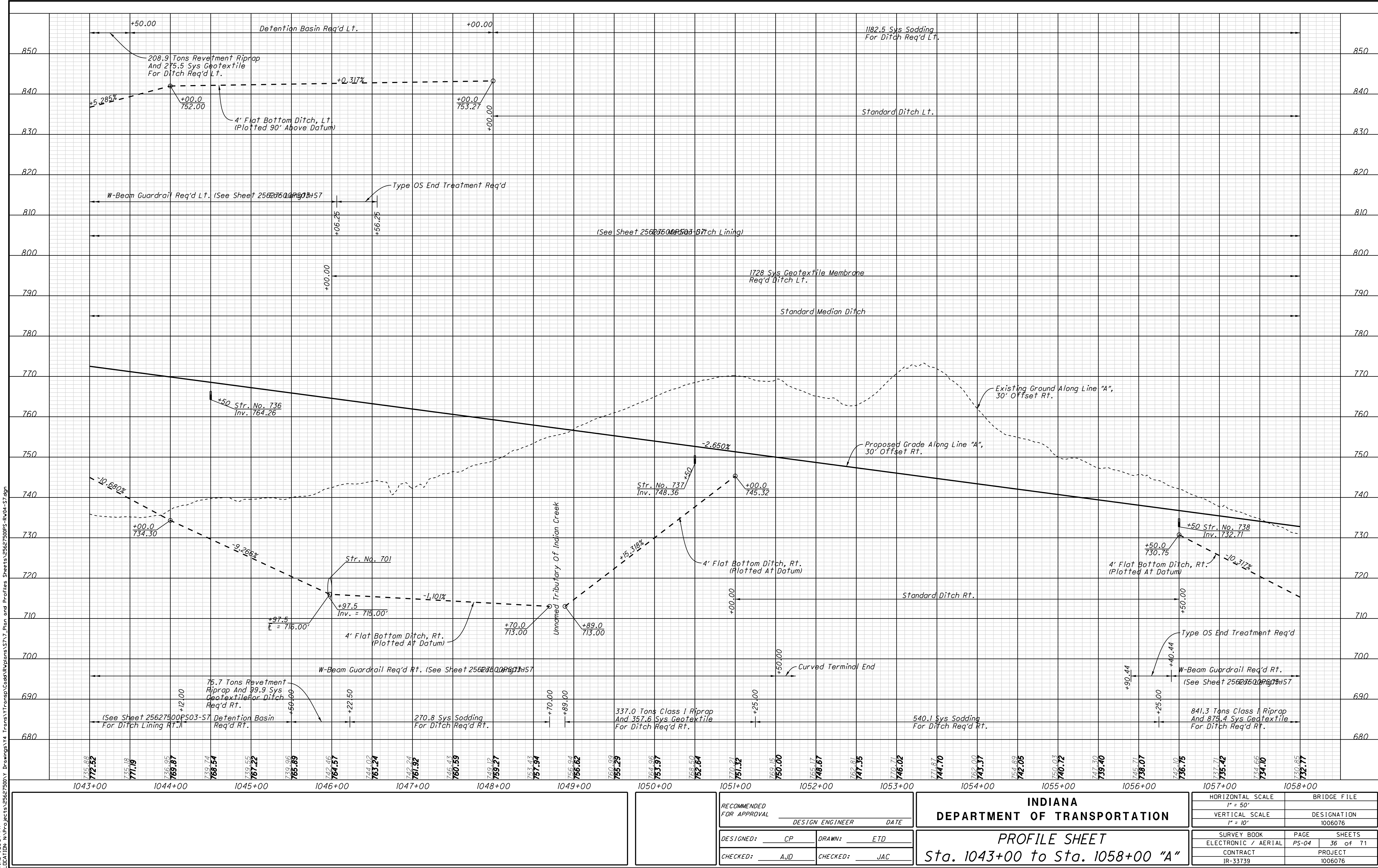
Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

- Legend
- ☒ Building Removal
 - ☒ Do Not Disturb Trees

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1043+00 to Sta. 1058+00 "A"	

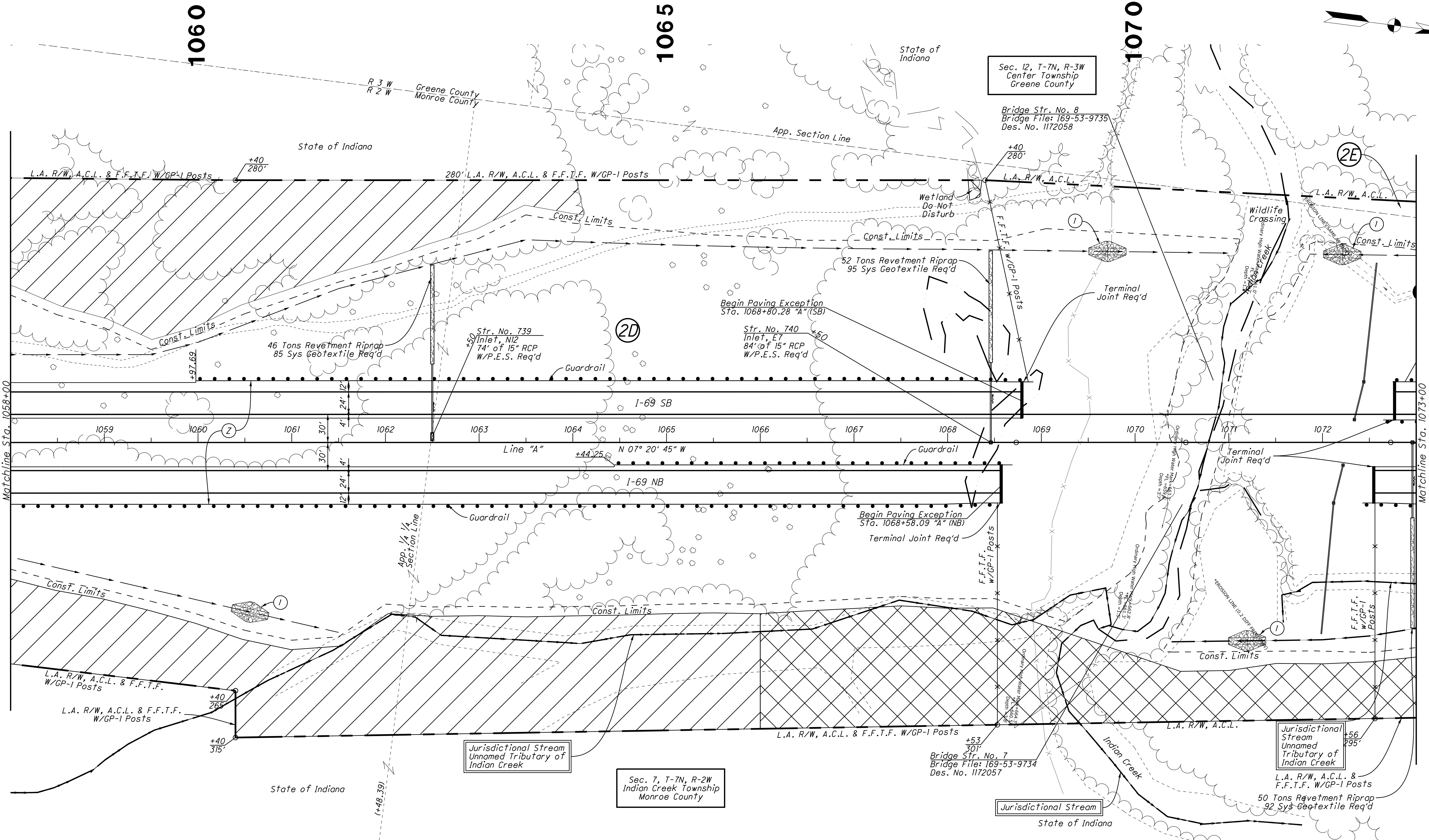
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-04
CONTRACT IR-33739	SHEETS 35 of 71
	PROJECT 1006076



Monument Type "C" Req'd
P.O.T. Sta. 1067+00.00 "A"

Monument Type "C" Req'd
Sta. 1070+76.13 "A", 268.2' Lt.

R/W Code: 5538



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

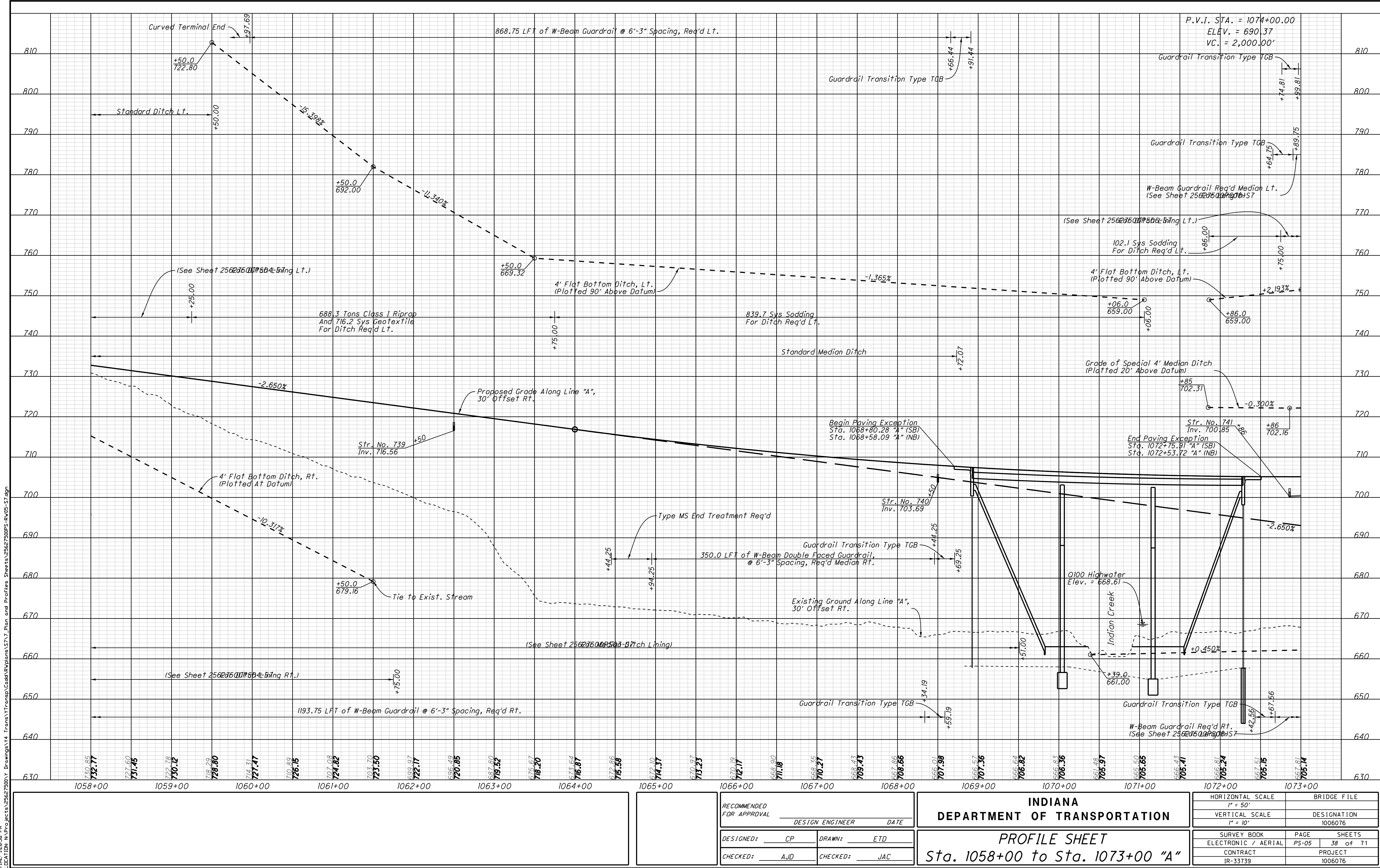
- Legend
- Building Removal
 - Do Not Disturb Trees
 - Environmental Restriction

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1058+00 to Sta. 1073+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-05
CONTRACT IR-33739	SHEETS 37 of 71
	PROJECT 1006076

DATE: 5/8/2012
TIME: 1:28:56 PM
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DATE: 5/8/2012
TIME: 1:28:58 PM
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RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

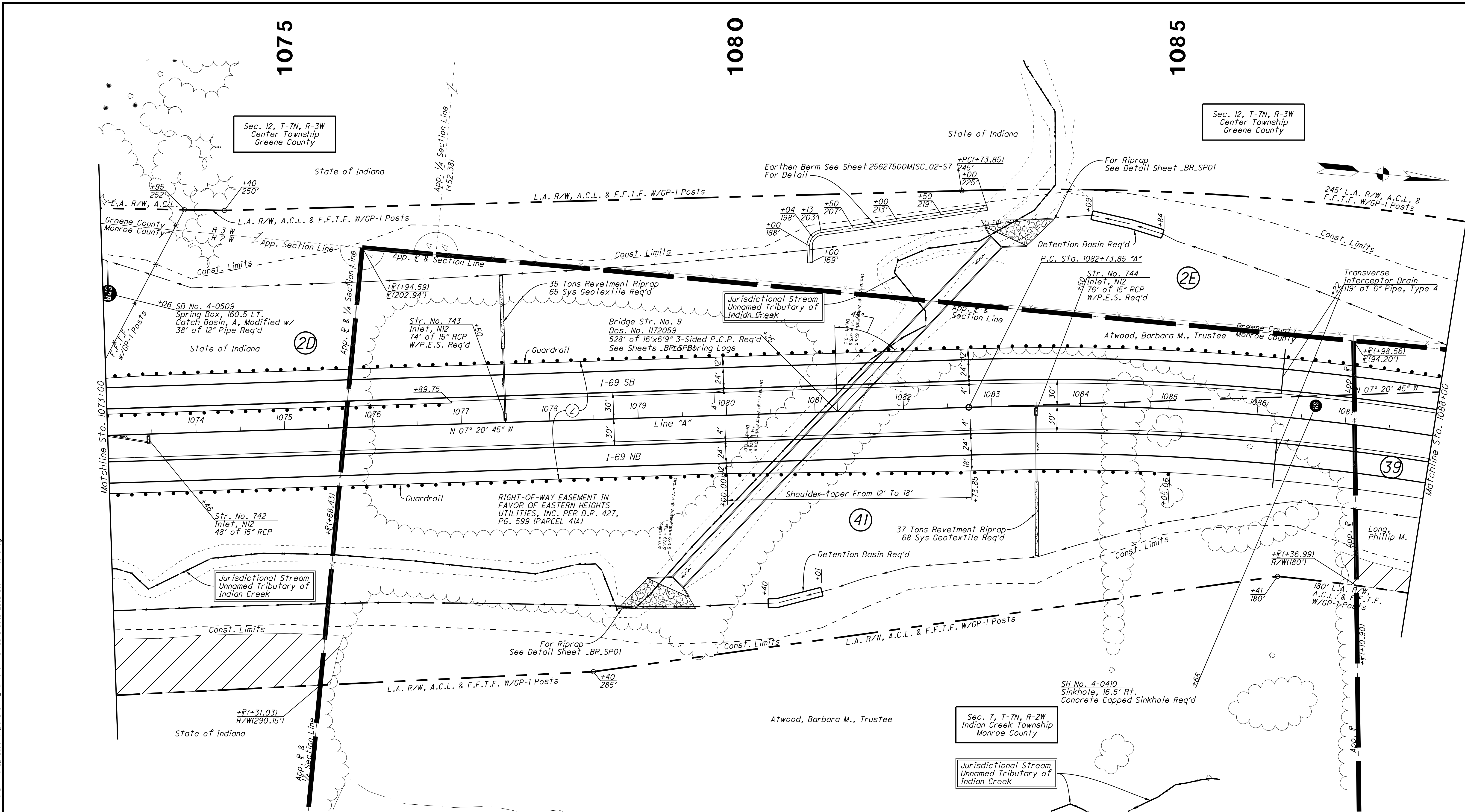
INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET Sta. 1058+00 to Sta. 1073+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PS-05
CONTRACT IR-33739	SHEETS 38 of 71
PROJECT 1006076	

Monument Type "C" Req'd Monument Type "Corner Section" Req'd Monument Type "Corner Section" Req'd
P.O.T. Sta. 1075+00.00 "A" Sta. 1075+94.58 "A", 202.9' LT. Sta. 1076+77.53 "A", 192.5' LT.

Monument Type "C" Req'd
P.C. Sta. 1082+73.85 "A"

R/W Code: 5538



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend

SPR

Spring

SH

Sinkhole

Do Not Disturb Trees

RECOMMENDED FOR APPROVAL

DESIGN ENGINEER

DATE

DESIGNED: CP

DRAWN: ETD

CHECKED: AJD

CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

Sta. 1073+00 to Sta. 1088+00 "A"

HORIZONTAL SCALE
1" = 50'

VERTICAL SCALE

SURVEY BOOK
ELECTRONIC / AERIAL

CONTRACT
IR-33739

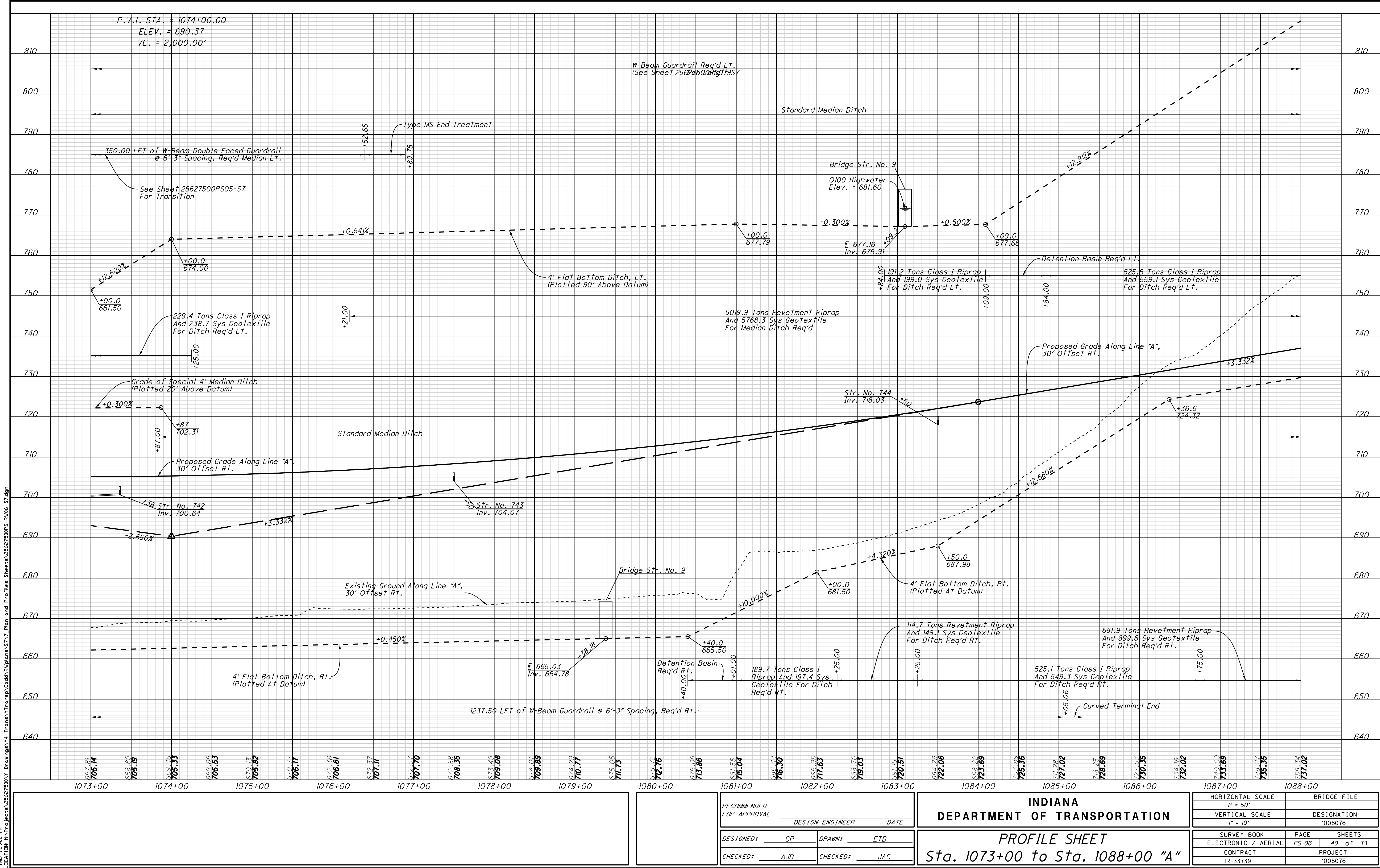
BRIDGE FILE

DESIGNATION
1006076

PAGE
PP-06

PROJECT
1006076

DATE: 5/8/2012
TIME: 1:59:00 PM
LOCATION: N:\Projects\25627500\Drawings\4 Trans\Transp\Cadd\RWPlans\577 Plan and Profiles Sheets\25627500PP-RW06-S7.dgn



DATE: 5/8/2012
TIME: 11:59:02 PM
LOCATION: N:\Projects\25627500\Drawings\4 Trans\Trans\Coord\RV\Plans\57.7 Plan and Profiles Sheets\25627500PS-RV06-S7.dgn

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET Sta. 1073+00 to Sta. 1088+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PS-06
CONTRACT IR-33739	SHEETS 40 of 71
PROJECT 1006076	

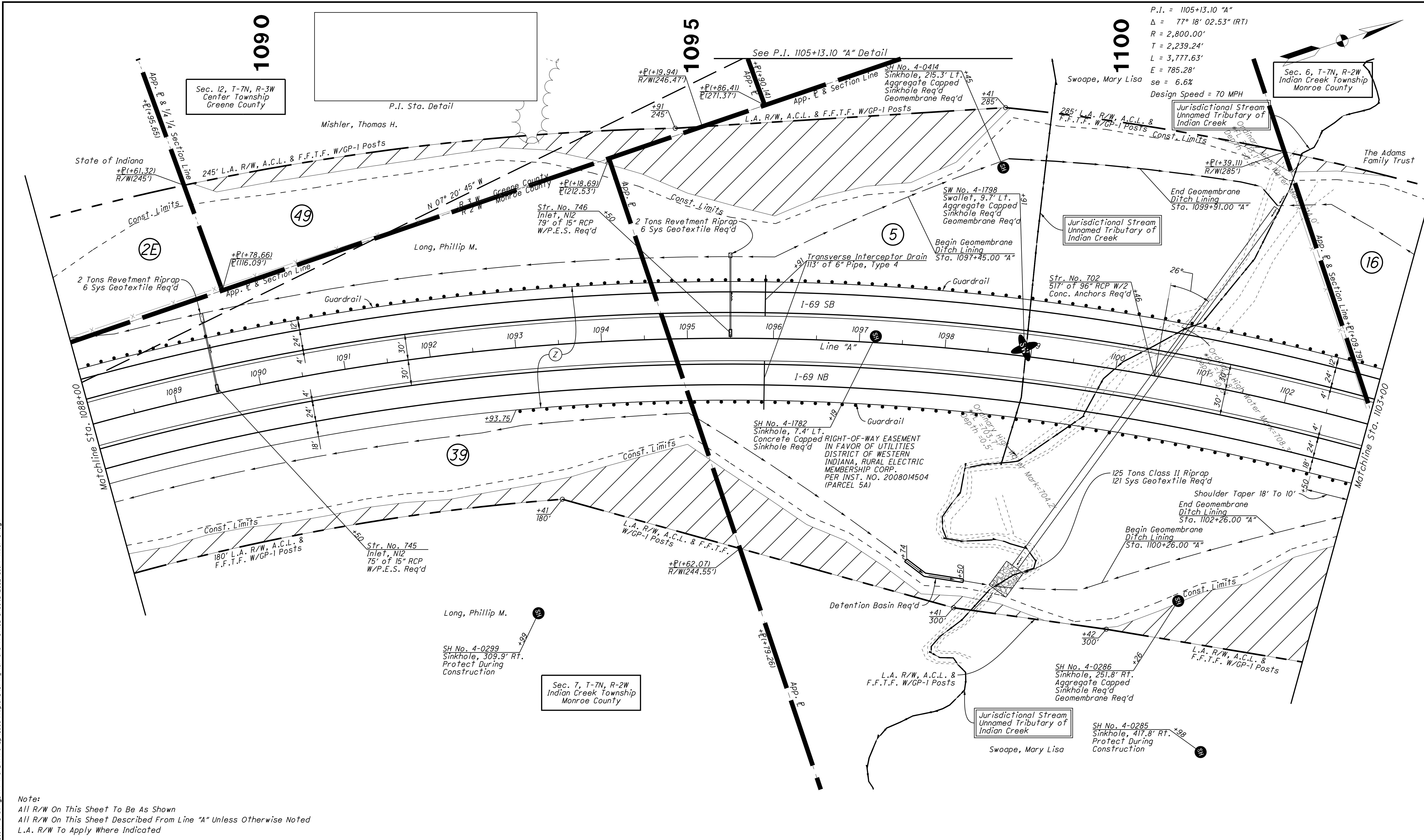
Monument Type "C" Req'd
P.O.C. Sta. 1093+00.00 "A"

Monument Type "C" Req'd
Sta. 1095+19.94 "A", 246.5' Lt.

Monument Type "C" Req'd
Sta. 1101+39.11 "A", 285' Lt.

Monument Type "C" Req'd
P.O.C. Sta. 1102+00.00 "A"

R/W Code: 5538



Notes:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend

- Sinkhole
- Do Not Disturb Trees

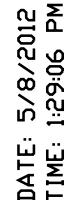
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DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS
Sta. 1088+00 to Sta. 1103+00 "A"

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-07
CONTRACT IR-33739	SHEETS 41 of 71

DATE: 5/8/2012
TIME: 1:59:04 PM
LOCATION: N:\Projects\25627500\Drawings\4 Transp\Road\RV\Plans\ST7.7 Plan and Profiles Sheets\25627500PP-RW07-S7.dgn



Monument Type "C" Req'd
Sta. 1105+08.10 "A", 260.7' Rt.

Monument Type "C" Req'd
P.O.C. Sta. 1112+00.00 "A"

R/W Code: 5538

P.I. = 1105+13.10 "A"
 $\Delta = 77^\circ 18' 02.53''$ (RT)
 $R = 2,800.00'$
 $T = 2,239.24'$
 $L = 3,777.63'$
 $E = 785.28'$
 $se = 6.6\%$
Design Speed = 70 MPH

See Shee 25627500PP005973.10 "A" Detail

The Adams Family Trust

SUBJECT TO A TIMBER CONTRACT
IN FAVOR OF PIKE LUMBER CO.
PER INST. NO. 7000020,
BOOK 243, PG. 401

2 Tons Revetment Riprap
6 Sys Geotextile Req'd

Str. No. 747
Inlet, N12
79' of 15" RCP
W/P.E.S. Req'd

OIL & GAS LEASE IN FAVOR
OF OHIO OIL & GAS PER
INST. NO. 134956, BOOK 4,
PGS. 382-383

2 Tons Revetment Riprap
6 Sys Geotextile Req'd

Jurisdictional Stream
Unnamed Tributary of
Indian Creek

Str. No. 748
Inlet, N12
79' of 15" RCP
W/P.E.S. Req'd

Sec. 6, T-7N, R-2W
Indian Creek Township
Monroe County

265' L.A. R/W, A.C.L. &
F.F.T.F. W/GP-I Posts

Guardrail

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Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend
Sinkhole
Do Not Disturb Trees

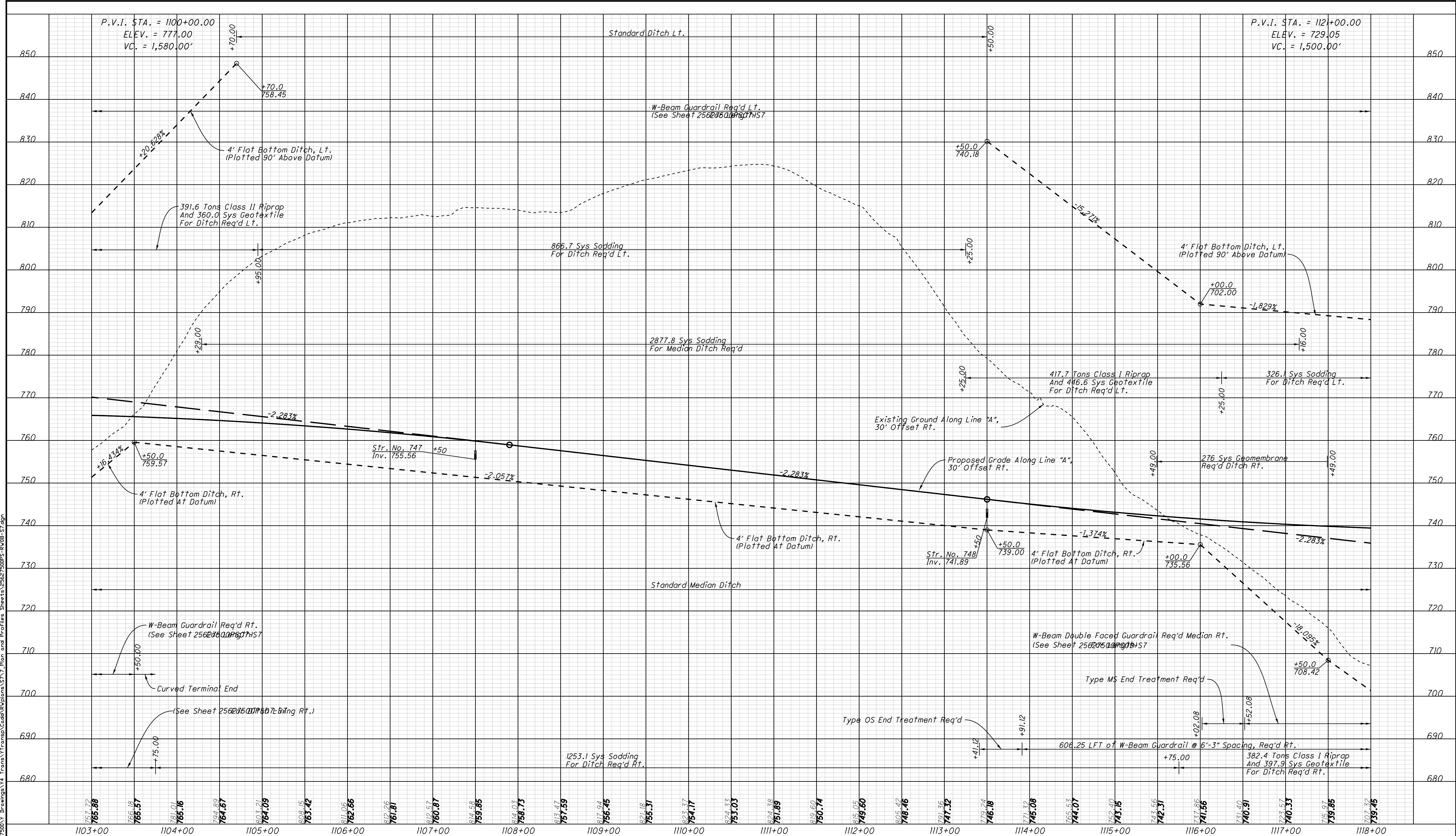
RECOMMENDED
FOR APPROVAL
DESIGN ENGINEER
DATE
DESIGNED: CP
DRAWN: ETD
CHECKED: AJD
CHECKED: JAC

INDIANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS
Sta. 1103+00 to Sta. 1118+00 "A"

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL CONTRACT IR-33739	PAGE PP-08 PROJECT 1006076
	SHEETS 43 of 71

DATE: 5/8/2012
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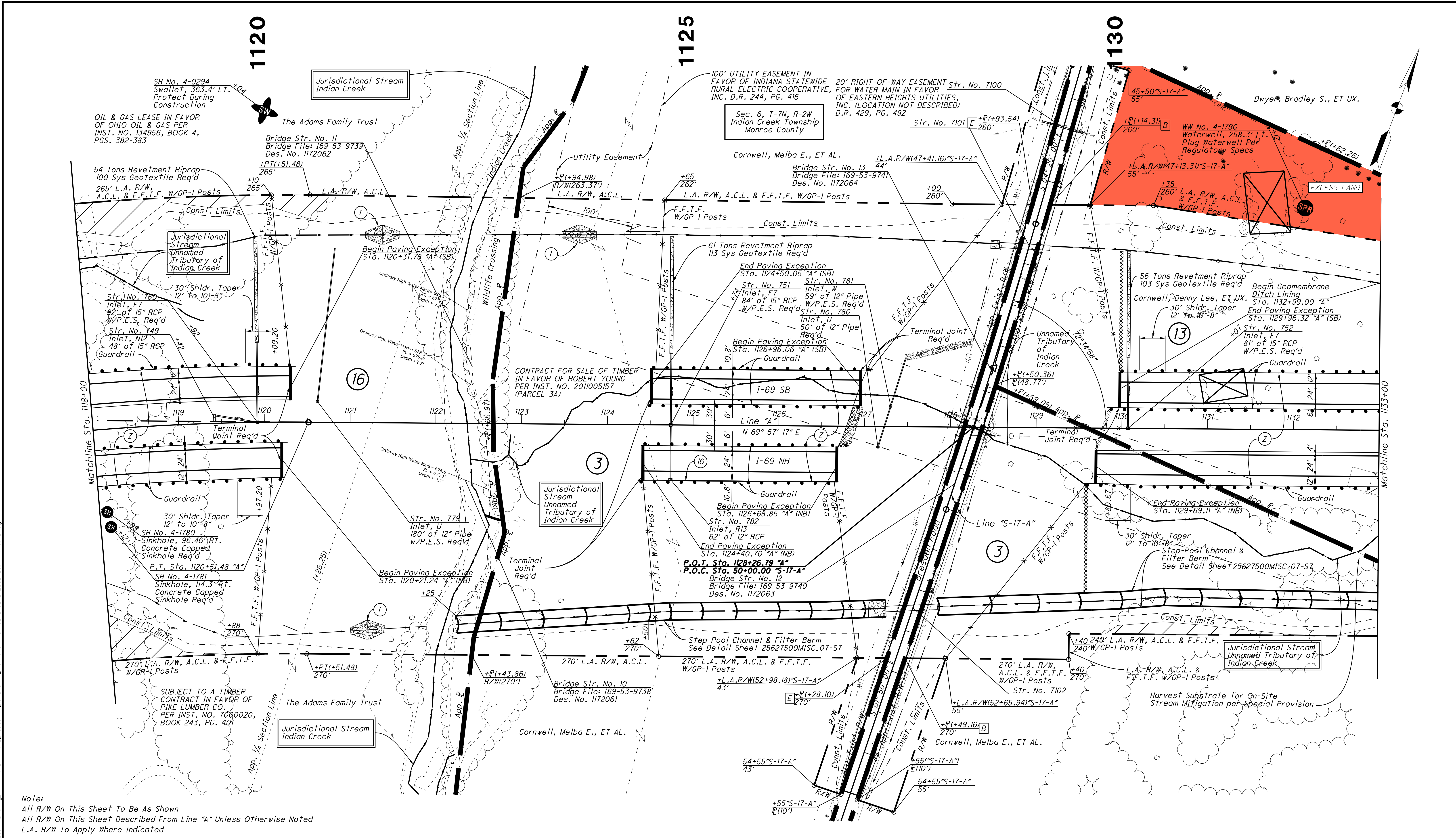


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RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER	DATE
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET Sta. 1103+00 to Sta. 1118+00 "A"	

HORIZONTAL SCALE 1" = 50'	
VERTICAL SCALE 1" = 10'	
BRIDGE FILE DESIGNATION 1006076	
SURVEY BOOK ELECTRONIC / AERIAL CONTRACT IR-33739	
PAGE PS-08	
SHEETS 44 of 71	
PROJECT 1006076	



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend	
	Building Removal
	Swallet
	Begin L.A. R/W
	End L.A. R/W
	Do Not Disturb Trees

RECOMMENDED FOR APPROVAL _____
DESIGN ENGINEER _____ DATE _____

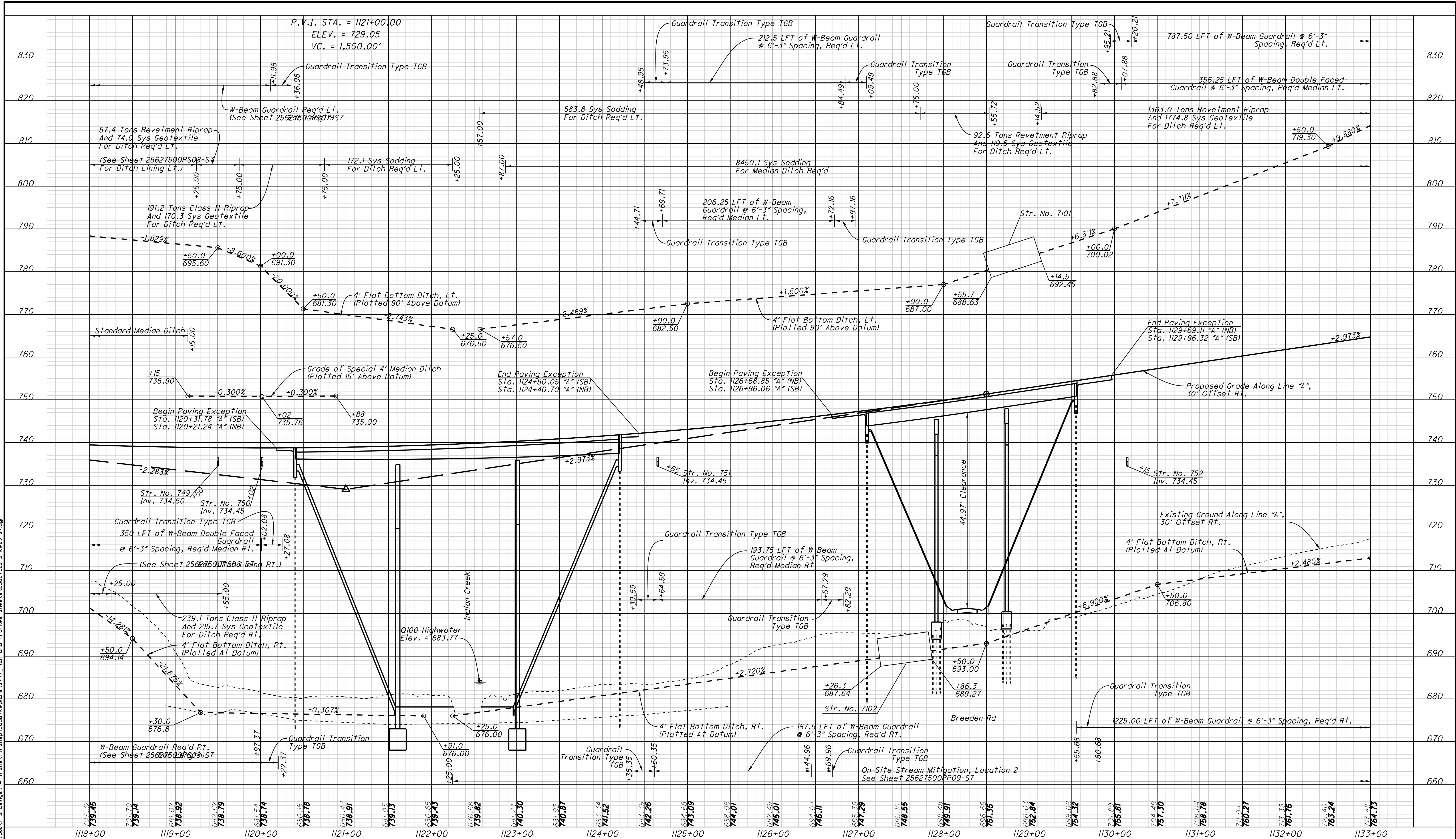
DESIGNED: CP DRAWN: ETD
CHECKED: AJD CHECKED: JAC

**INDIANA
DEPARTMENT OF TRANSPORTATION**

RIGHT OF WAY PLANS
Sta. 1118+00 to Sta. 1133+00 "A"

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-09
CONTRACT IR-33739	SHEETS 45 of 71 PROJECT 1006076

DATE: 5/8/2012
TIME: 1:59:11 PM
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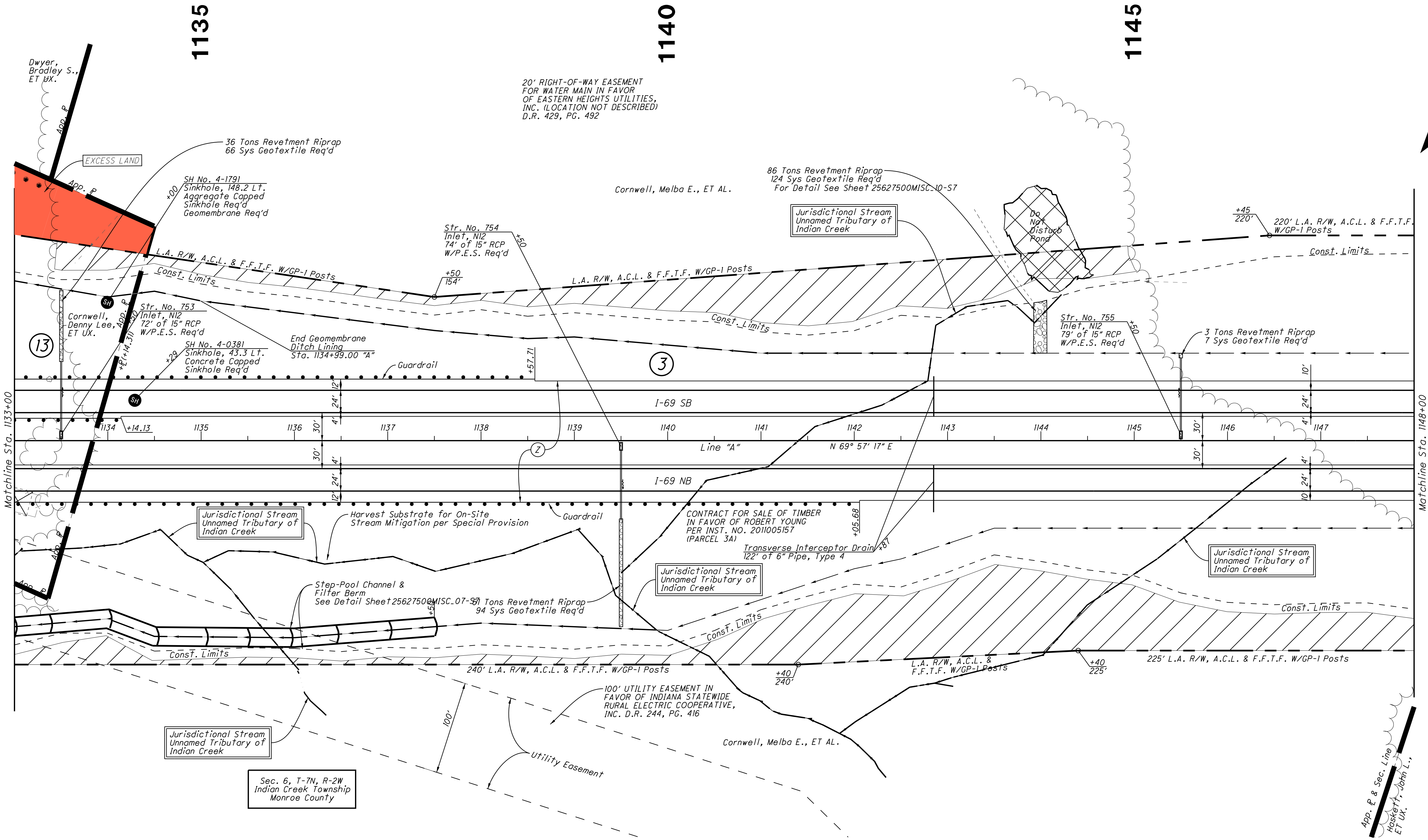


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RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET Sta. 1118+00 to Sta. 1133+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PS-09
CONTRACT IR-33739	SHEETS 46 of 71



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend

Sinkhole

Do Not Disturb Trees

Sec. 6, T-7N, R-2W
Indian Creek Township
Monroe County

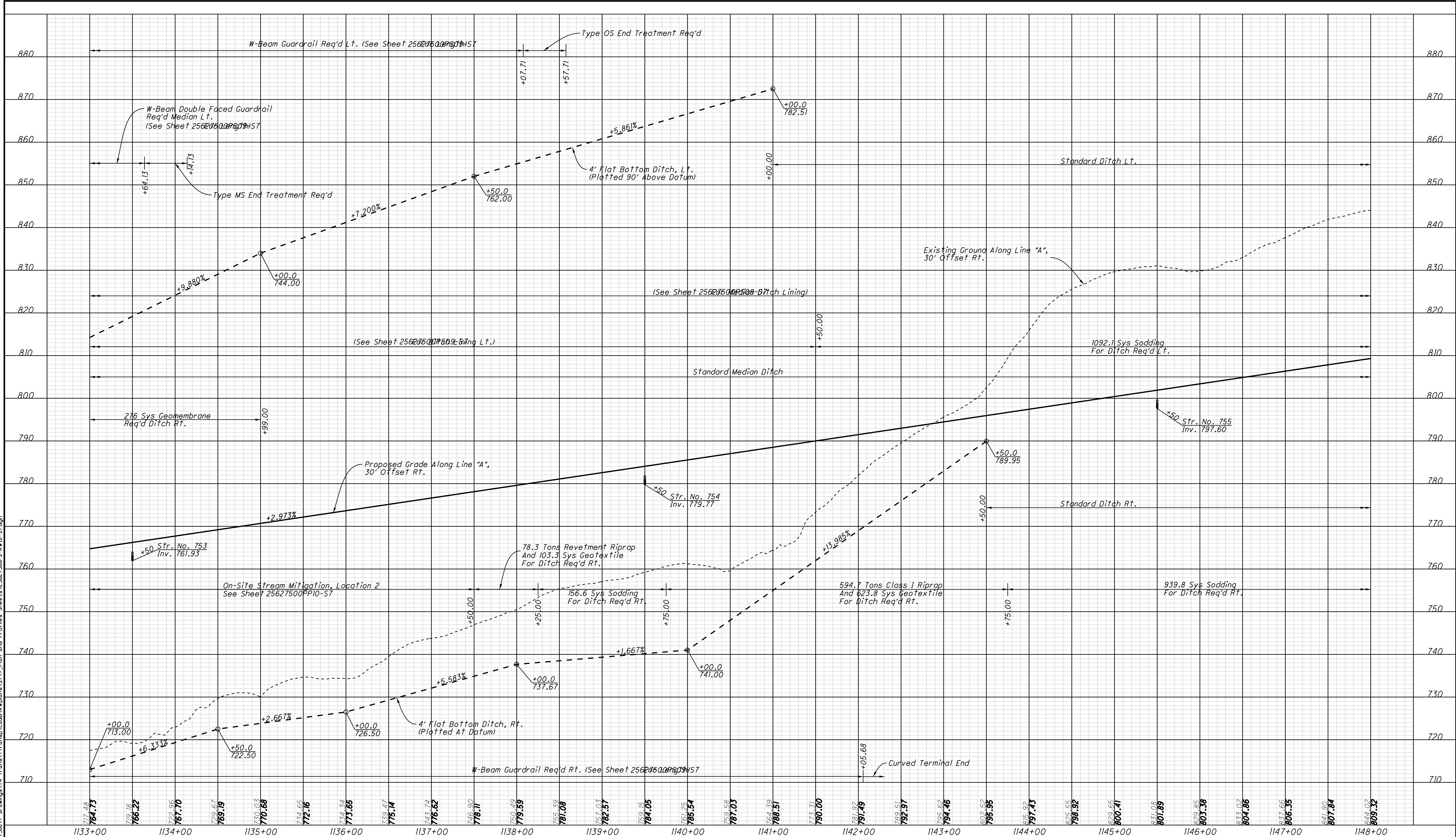
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DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA
DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS
Sta. 1133+00 to Sta. 1148+00 "A"

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-10
CONTRACT IR-33739	SHEETS 47 of 71 PROJECT 1006076

DATE: 5/8/2012
TIME: 1:29:16 PM
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DATE: 5/8/2012
TIME: 11:59:17 PM
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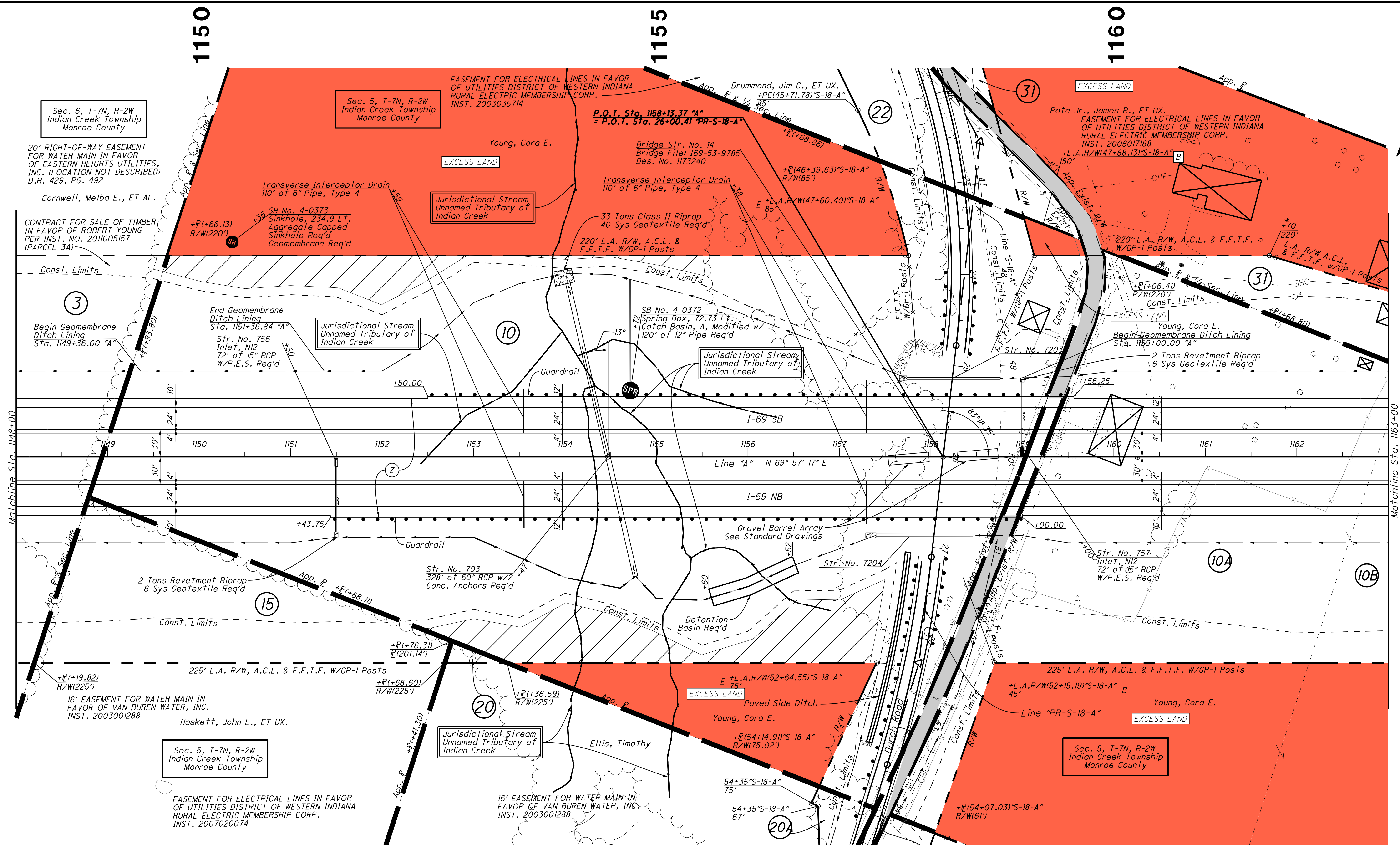
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DESIGN ENGINEER _____ DATE _____	
DESIGNED: _____ CP	DRAWN: _____ ETD
CHECKED: _____ AJD	CHECKED: _____ JAC

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RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER _____ DATE _____	
DESIGNED: _____ CP	DRAWN: _____ ETD
CHECKED: _____ AJD	CHECKED: _____ JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET Sta. 1133+00 to Sta. 1148+00 "A"	

HORIZONTAL SCALE 1" = 50'		BRIDGE FILE	
VERTICAL SCALE 1" = 10'		DESIGNATION 1006076	
SURVEY BOOK ELECTRONIC / AERIAL		PAGE PS-10	SHEETS 48 of 71
CONTRACT IR-33739		PROJECT 1006076	



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

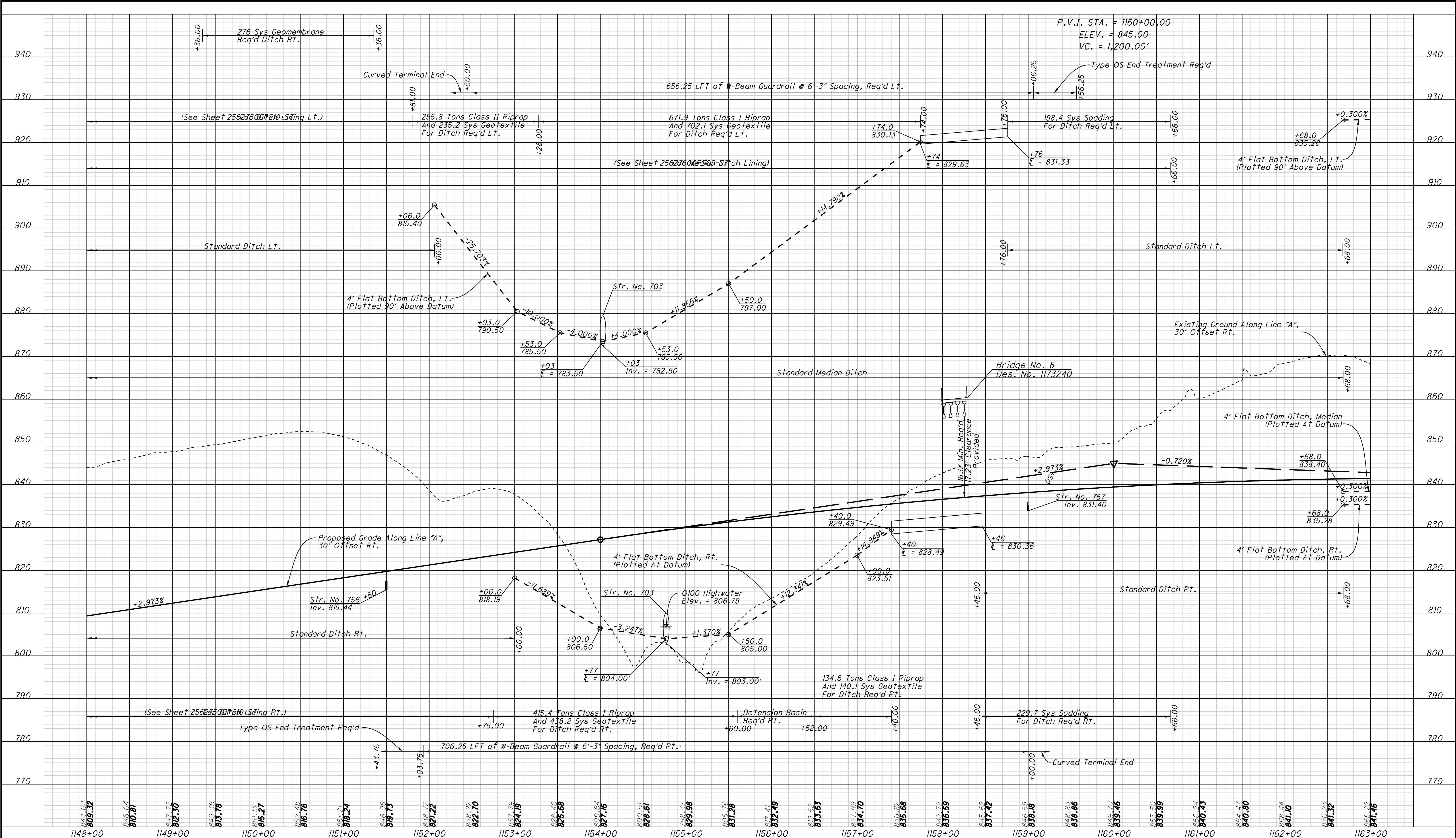
Legend	
Building Removal	Spring
Remove Existing Roadway	Begin L.A. R/W
Sinkhole	End L.A. R/W
Do Not Disturb Trees	

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1148+00 to Sta. 1163+00 "A"	

HORIZONTAL SCALE		BRIDGE FILE	
1" = 50'		DESIGNATION	
VERTICAL SCALE		1006076	
SURVEY BOOK		PAGE	
ELECTRONIC / AERIAL		PP-II	
CONTRACT		SHEETS	
IR-33739		49 of 71	
		PROJECT	
		1006076	

DATE: 5/8/2012
TIME: 1:59:21 PM
LOCATION: N:\Projects\25627500\Drawings\4 Trans\Transp\Coord\RV\Plans\ST7. Plan and Profiles Sheets\25627500PS-RW1-S7.dgn



1148+00		1149+00		1150+00		1151+00		1152+00		1153+00		1154+00		1155+00		1156+00		1157+00		1158+00		1159+00		1160+00		1161+00		1162+00		1163+00	
844.02		846.04		847.72		849.36		851.13		852.48		854.21		856.95		858.72		861.22		863.22		865.70		868.18		870.23		872.46		874.66	
809.32		810.81		812.50		813.78		815.27		816.76		818.24		819.73		821.22		822.70		824.19		825.68		827.16		828.61		829.98		831.28	
832.49		834.70		836.59		838.86		840.43		842.80		844.47		846.44		848.44		850.43		852.46		854.50		856.59		858.62		860.62		862.62	

RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: CP		DRAWN: ETD			
CHECKED: AJD		CHECKED: JAC			

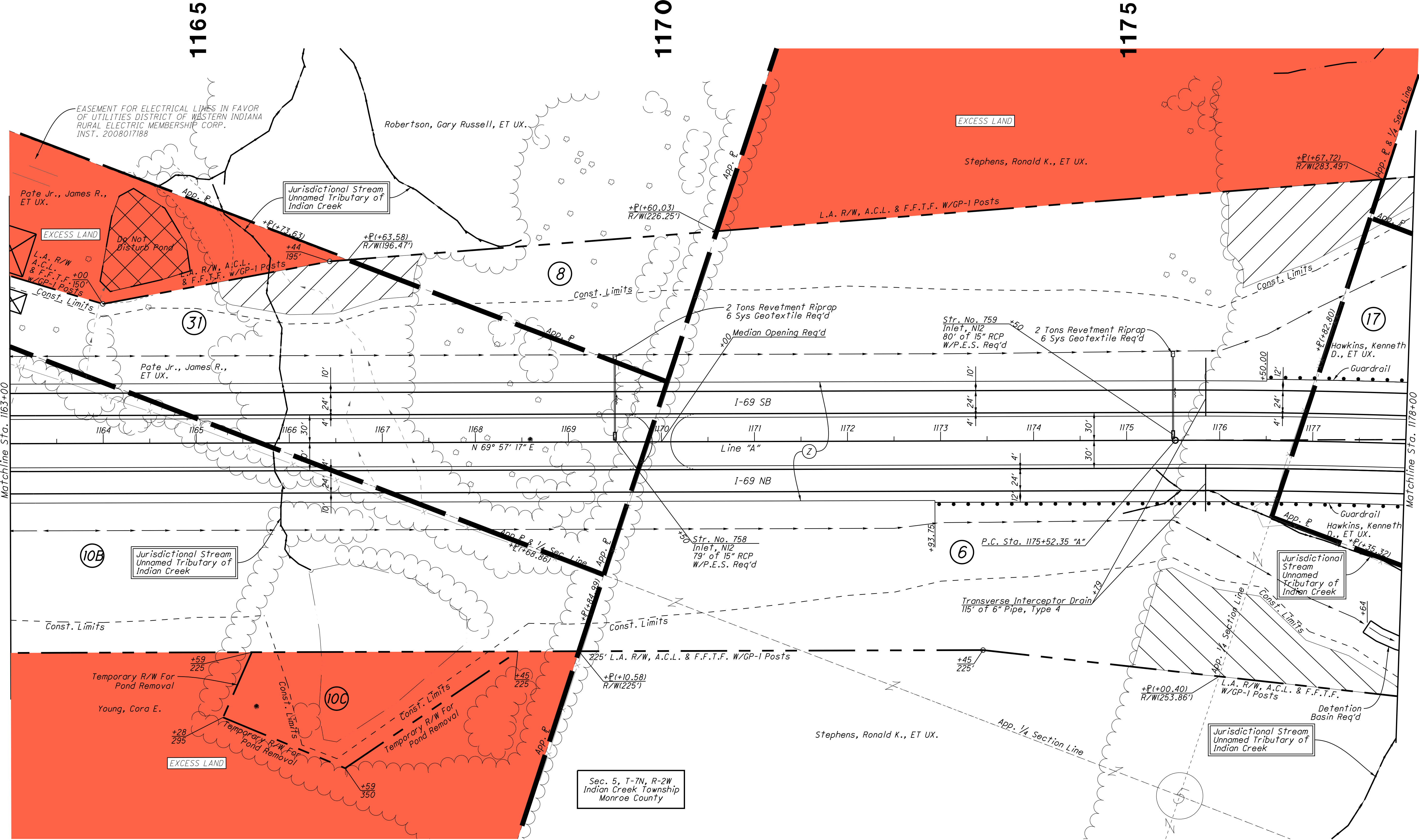
INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET	
Sta. 1148+00 to Sta. 1163+00 "A"	

HORIZONTAL SCALE 1" = 50'		BRIDGE FILE	
VERTICAL SCALE 1" = 10'		DESIGNATION 1006076	
SURVEY BOOK ELECTRONIC / AERIAL		PAGE PS-II	
CONTRACT IR-33739		SHEETS 50 of 71	
		PROJECT 1006076	

Monument Type "C" Req'd
P.O.T. Sta. 1169+00.00 "A"

Monument Type "C" Req'd
P.C. Sta. 1175+52.35 "A"

R/W Code: 5538



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

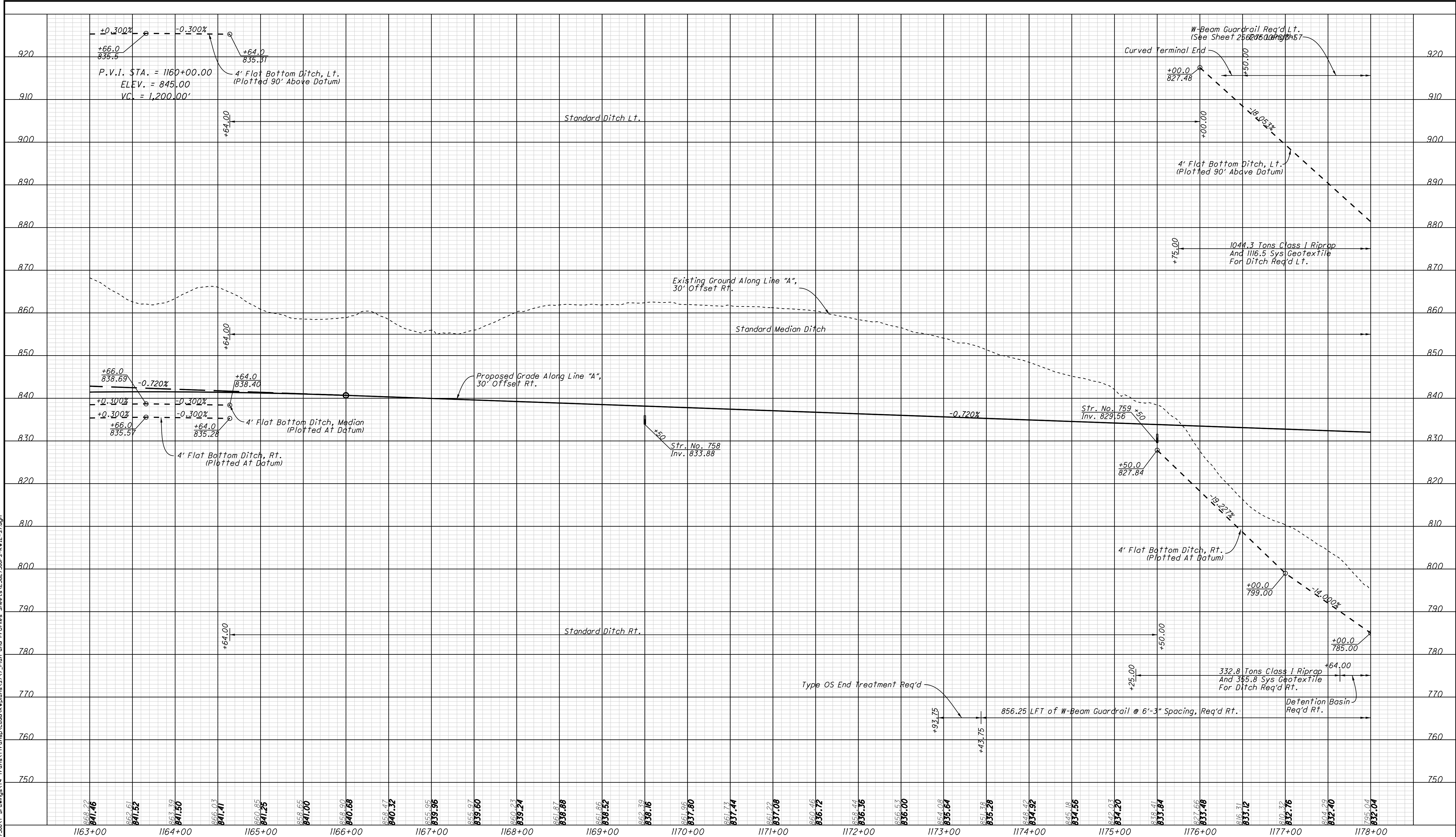
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[Symbol] Building Removal
[Symbol] Do Not Disturb Trees

RECOMMENDED FOR APPROVAL
DESIGN ENGINEER DATE
DESIGNED: CP DRAWN: ETD
CHECKED: AJD CHECKED: JAC

INDIANA
DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS
Sta. 1163+00 to Sta. 1178+00 "A"

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-12
CONTRACT IR-33739	SHEETS 51 of 71 PROJECT 1006076

DATE: 5/8/2012
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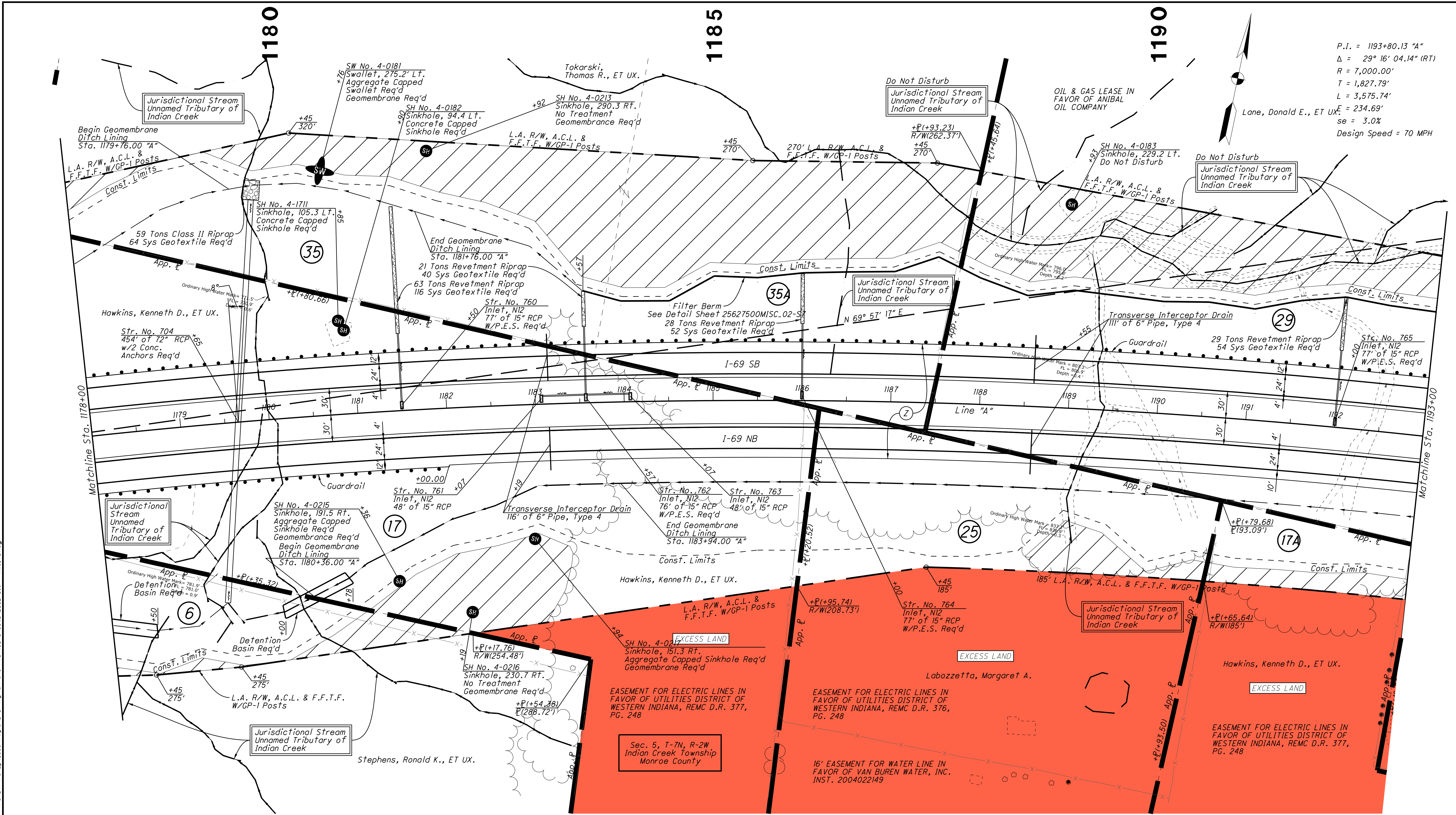
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TIME: 11:29:25 PM
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DESIGNED: <u>CP</u>		DRAWN: <u>ETD</u>	
CHECKED: <u>AJD</u>		CHECKED: <u>JAC</u>	

RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER	DATE

INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET	
Sta. 1163+00 to Sta. 1178+00 "A"	

HORIZONTAL SCALE 1" = 50'	
VERTICAL SCALE 1" = 10'	
BRIDGE FILE	
DESIGNATION 1006076	
SURVEY BOOK ELECTRONIC / AERIAL	
CONTRACT IR-33739	
PAGE PS-12	
SHEETS 52 of 71	
PROJECT 1006076	



P.I. = 1193+80.13 "A"
Δ = 29° 16' 04.14" (RT)
R = 7,000.00'
T = 1,827.79'
L = 3,575.74'
E = 234.69'
se = 3.0%
Design Speed = 70 MPH

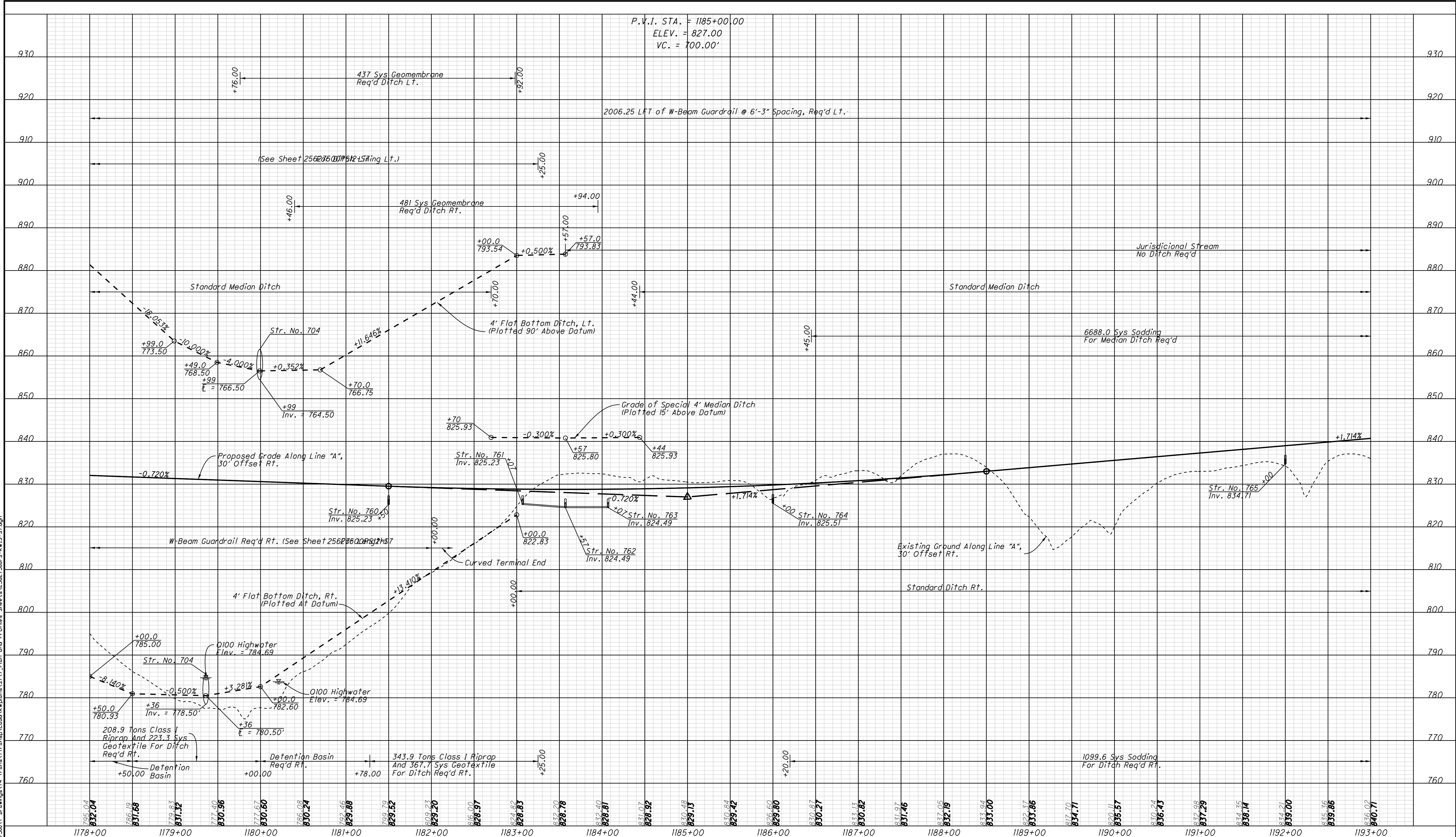
Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend	
	Swallet
	Sinkhole
	Do Not Disturb Trees

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1178+00 to Sta. 1193+00 "A"	

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	1006076
SURVEY BOOK	PAGE
ELECTRONIC / AERIAL	PP-13
CONTRACT	IR-33739
	1006076



DATE: 5/8/2012
TIME: 1:29:29 PM
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: CP		DRAWN: ETD			
CHECKED: AJD		CHECKED: JAC			

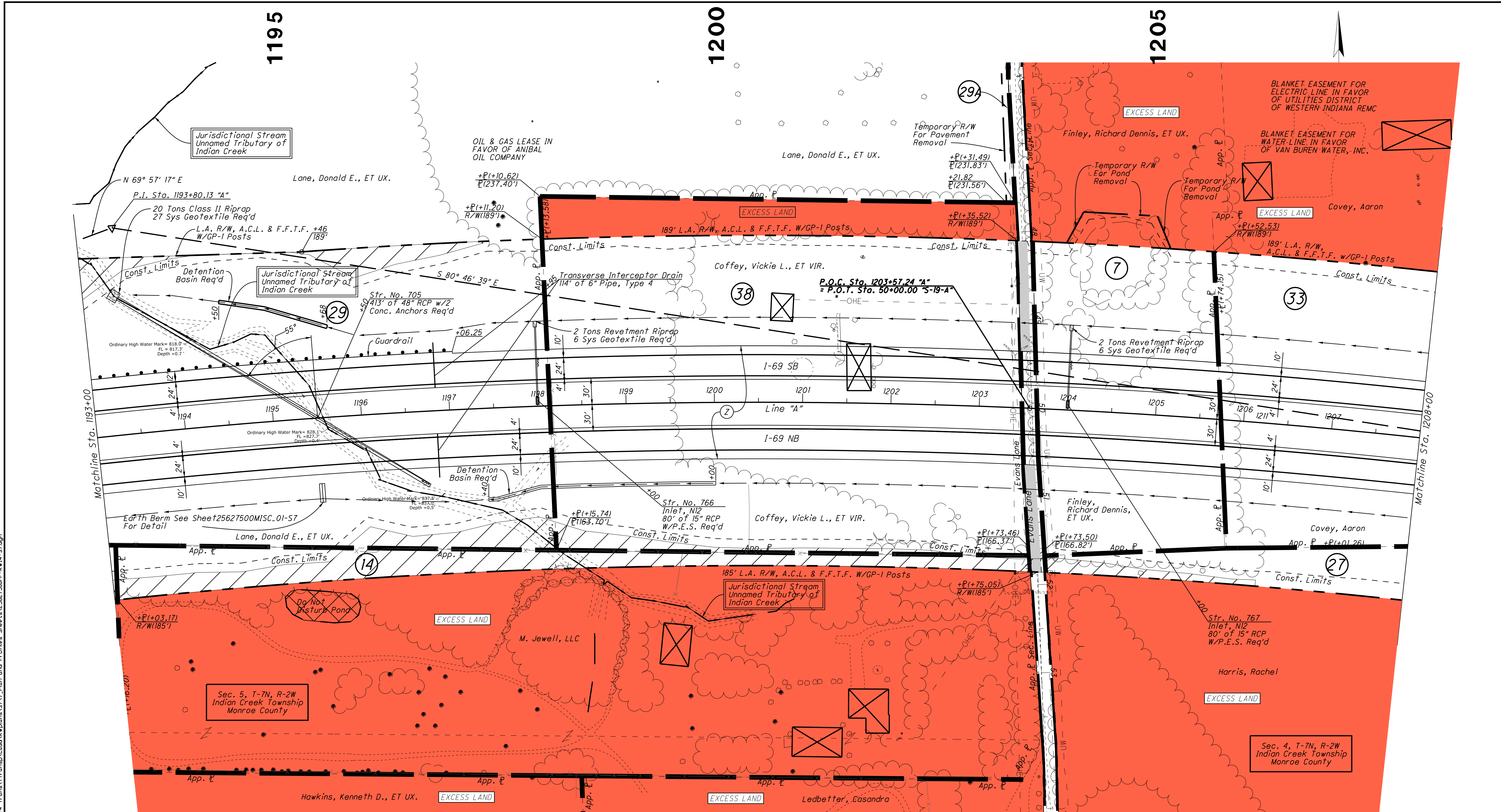
INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET Sta. 1178+00 to Sta. 1193+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PS-13
CONTRACT IR-33739	SHEETS 54 of 71
	PROJECT 1006076

Monument Type "C" Req'd
P.O.C. Sta. 1195+00.00 "A"

Monument Type "C" Req'd Sta. 1203+44.83 "A", 189' Lt.
Monument Type "C" Req'd Sta. 1203+75.05 "A", 185' Rt.
Monument Type "C" Req'd P.O.C. Sta. 1205+00.00 "A"

R/W Code: 5538



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend	
	Building Removal
	Remove Existing Roadway
	Do Not Disturb Trees

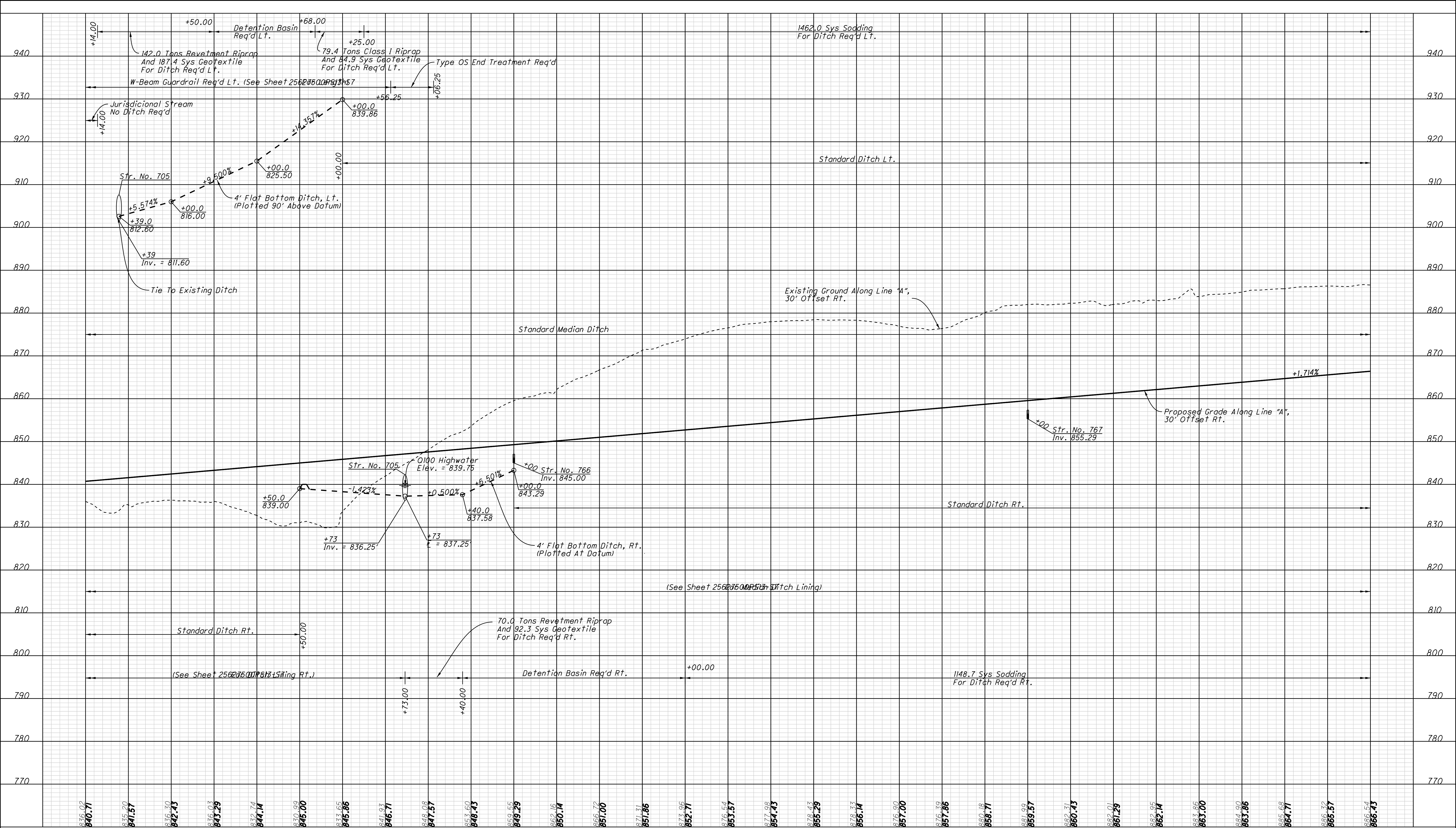
RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1193+00 to Sta. 1208+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-14
CONTRACT IR-33739	SHEETS 55 of 71
	PROJECT 1006076

DATE: 5/8/2012
TIME: 1:29:31 PM
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DATE: 5/8/2012
TIME: 1:59:32 PM
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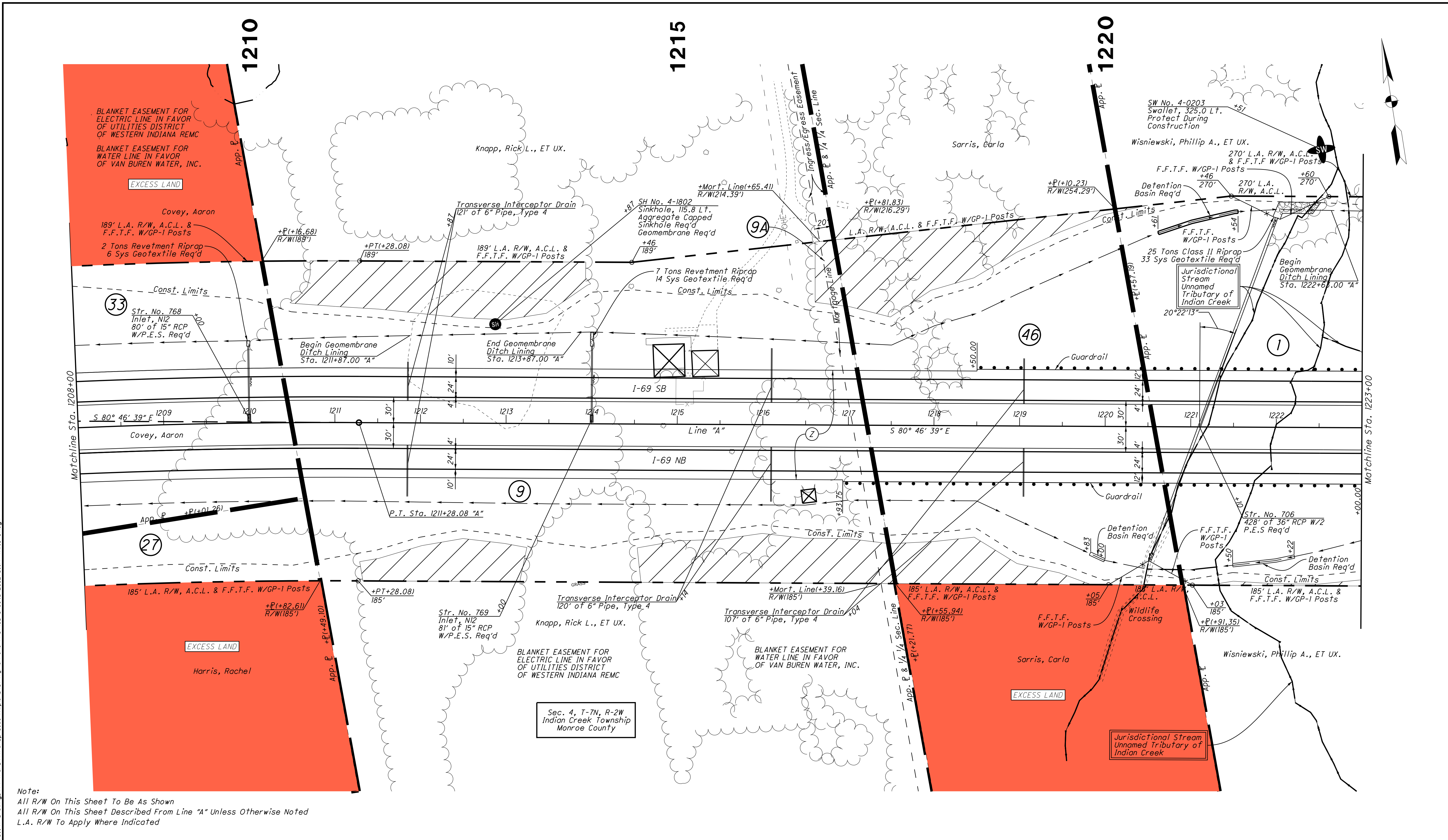


1193+00		1194+00		1195+00		1196+00		1197+00		1198+00		1199+00		1200+00		1201+00		1202+00		1203+00		1204+00		1205+00		1206+00		1207+00		1208+00																																																	
RECOMMENDED FOR APPROVAL																DESIGN ENGINEER																DATE																																															
DESIGNED: CP																DRAWN: ETD																																																															
CHECKED: AJD																CHECKED: JAC																																																															
INDIANA DEPARTMENT OF TRANSPORTATION																																HORIZONTAL SCALE 1" = 50'																BRIDGE FILE																															
																																VERTICAL SCALE 1" = 10'																DESIGNATION 1006076																															
PROFILE SHEET Sta. 1193+00 to Sta. 1208+00 "A"																																SURVEY BOOK ELECTRONIC / AERIAL																PAGE PS-14																SHEETS 56 of 71															
																																CONTRACT IR-33739																PROJECT 1006076																															

Monument Type "C" Req'd
P.T. Sta. 1211+28.08 "A"

Monument Type "C" Req'd
P.O.T. Sta. 1220+00.00 "A"

R/W Code: 5538



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

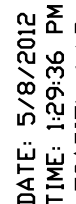
Legend	
	Building Removal
	Swallet
	Do Not Disturb Trees

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1208+00 to Sta. 1223+00 "A"	

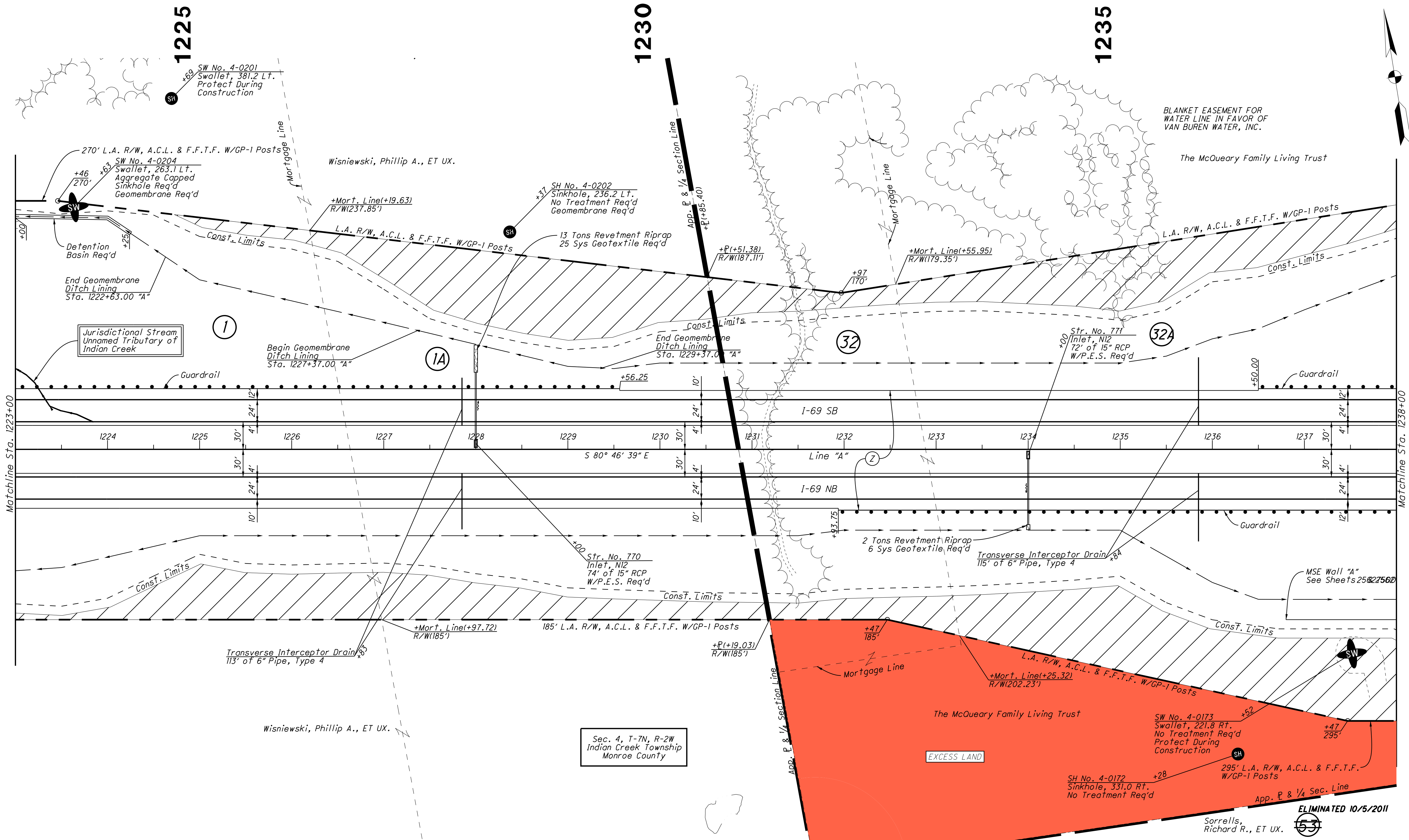
HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-15
CONTRACT IR-33739	SHEETS 57 of 71
	PROJECT 1006076

DATE: 5/8/2012
TIME: 1:59:35 PM
LOCATION: N:\Projects\25627500\Drawings\4 Transp\Road\Right of Way Plans\15-S7.dgn



Monument Type "C" Req'd
P.O.T. Sta. 1230+00.00 "A"

R/W Code: 5538



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend	
	Sinkhole
	Swallet
	Do Not Disturb Trees

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1223+00 to Sta. 1238+00 "A"	

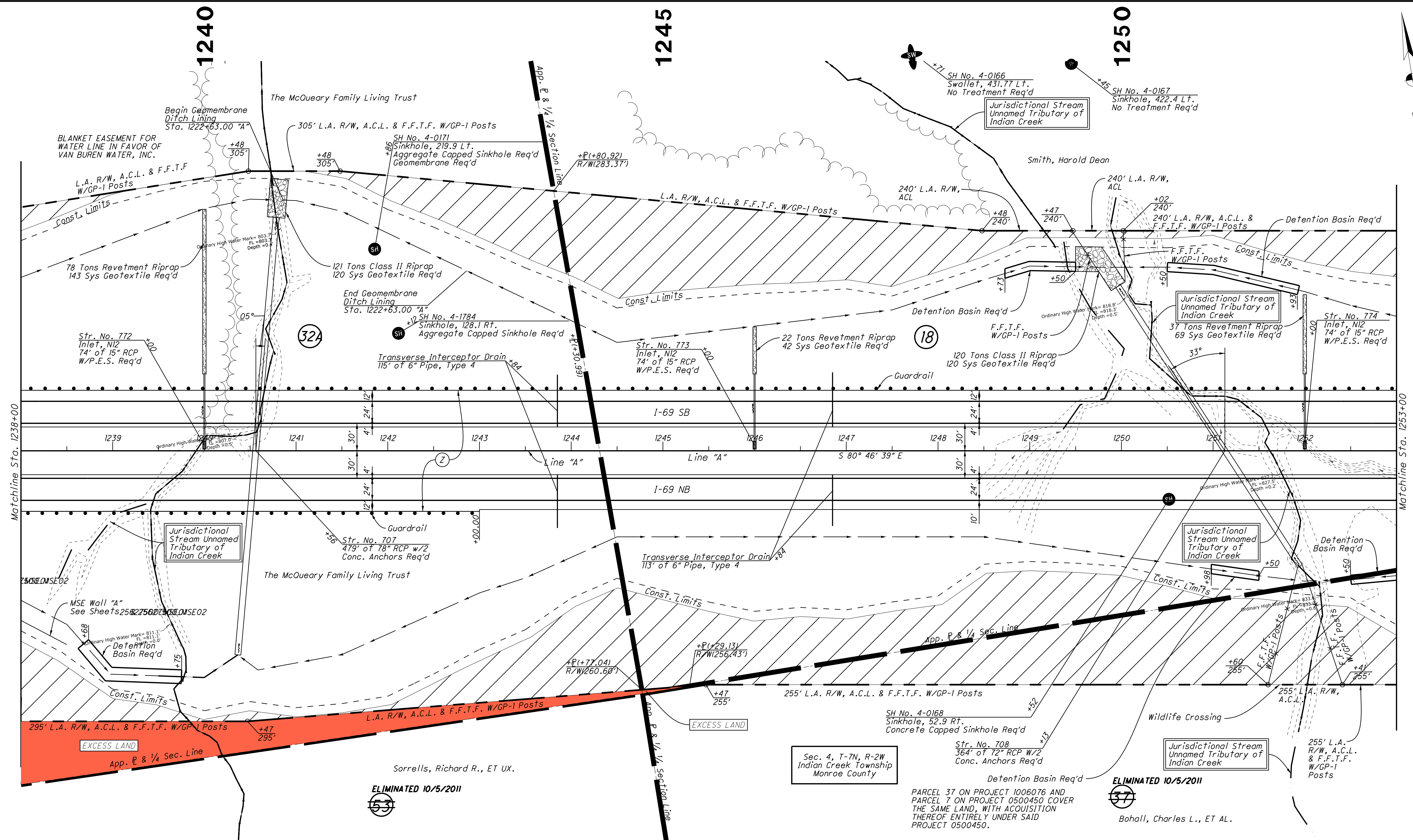
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1" = 50'	
VERTICAL SCALE	DESIGNATION
	1006076
SURVEY BOOK	PAGE
ELECTRONIC / AERIAL	PP-16
CONTRACT	SHEETS
IR-33739	59 of 71
	PROJECT
	1006076

DATE: 5/8/2012
TIME: 1:29:38 PM
LOCATION: N:\Projects\125627500\Drawings\4 Transp\Road\RightOfWay\125627500PP-RW16-S7.dgn

Monument Type "C" Req'd
P.O.T. Sta. 1239+00.00 "A"

Monument Type "C" Req'd
P.O.T. Sta. 1248+00.00 "A"

R/W Code: 5538



Note:
All R/W On This Sheet To Be As Shown
All R/W On This Sheet Described From Line "A" Unless Otherwise Noted
L.A. R/W To Apply Where Indicated

Legend	
	Swallet
	Sinkhole
	Do Not Disturb Trees

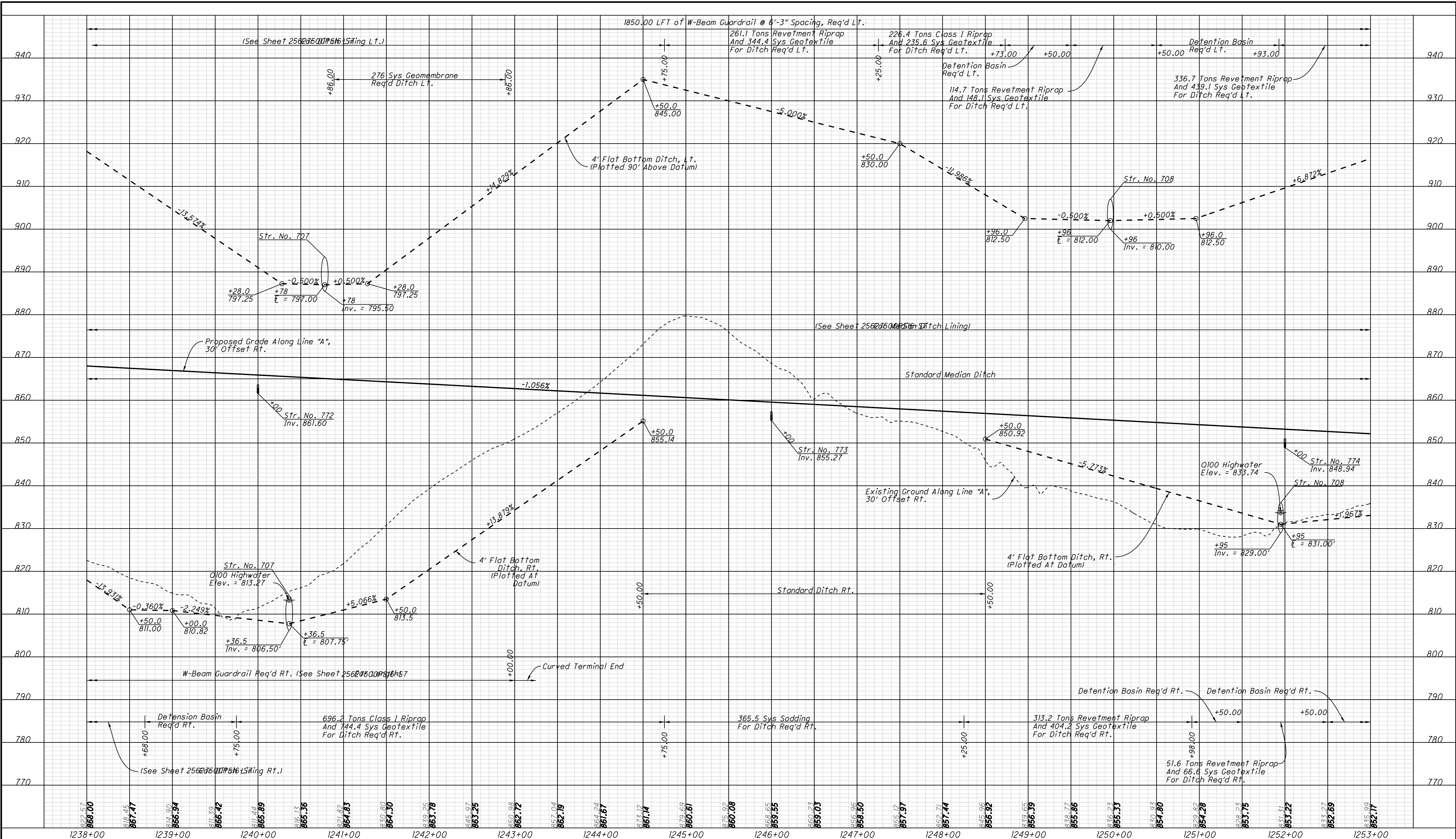
RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1238+00 to Sta. 1253+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PP-17
CONTRACT IR-33739	SHEETS 61 of 71
	PROJECT 1006076

DATE: 5/8/2012
TIME: 1:59:42 PM
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DATE: 5/8/2012
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: CP		DRAWN: ETD			
CHECKED: AJD		CHECKED: JAC			

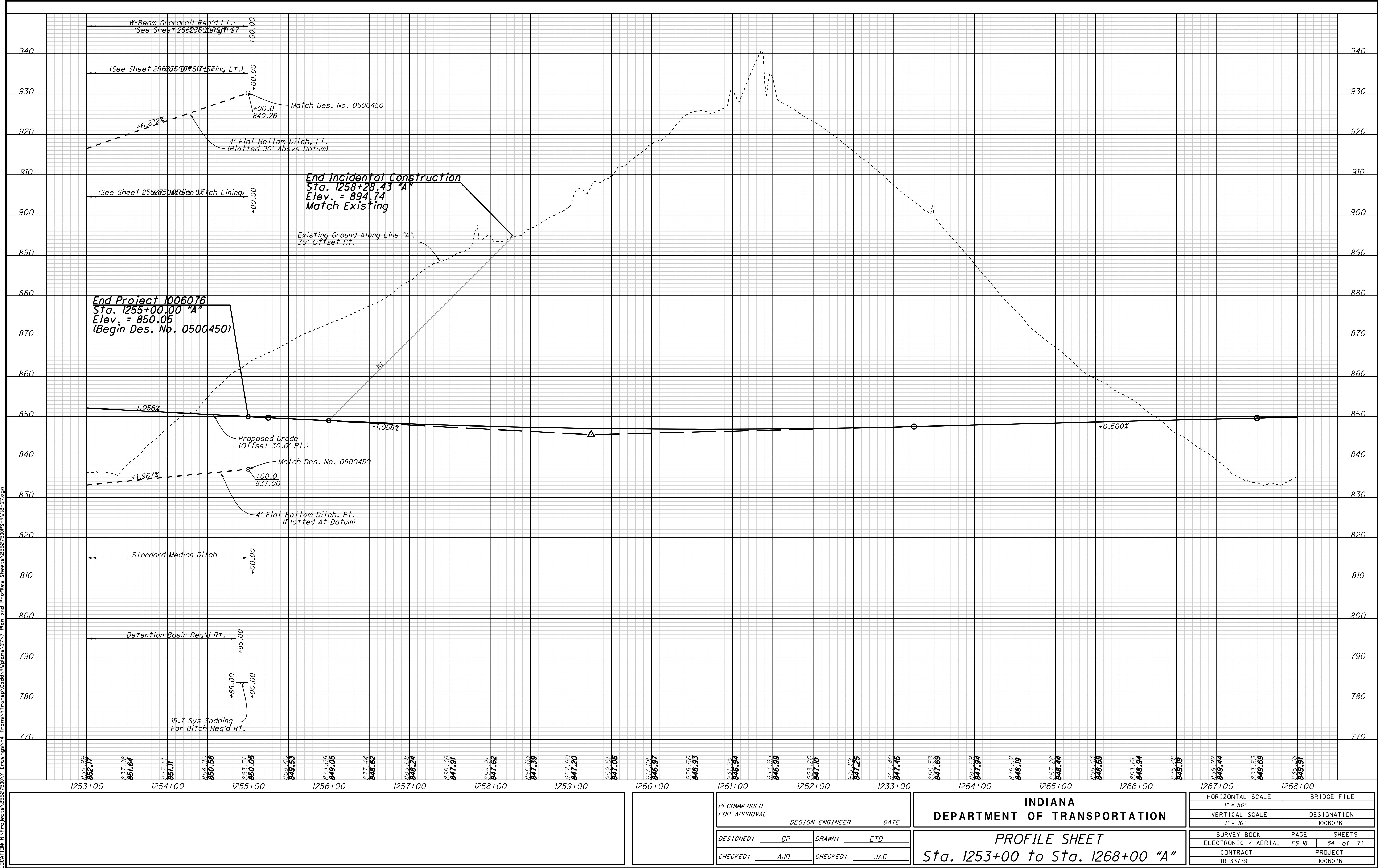
INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET Sta. 1238+00 to Sta. 1253+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PS-17
CONTRACT IR-33739	SHEETS 62 of 71 PROJECT 1006076

 Do Not Disturb Trees

INDIANA	
DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 1253+00 to Sta. 1268+00 "A"	

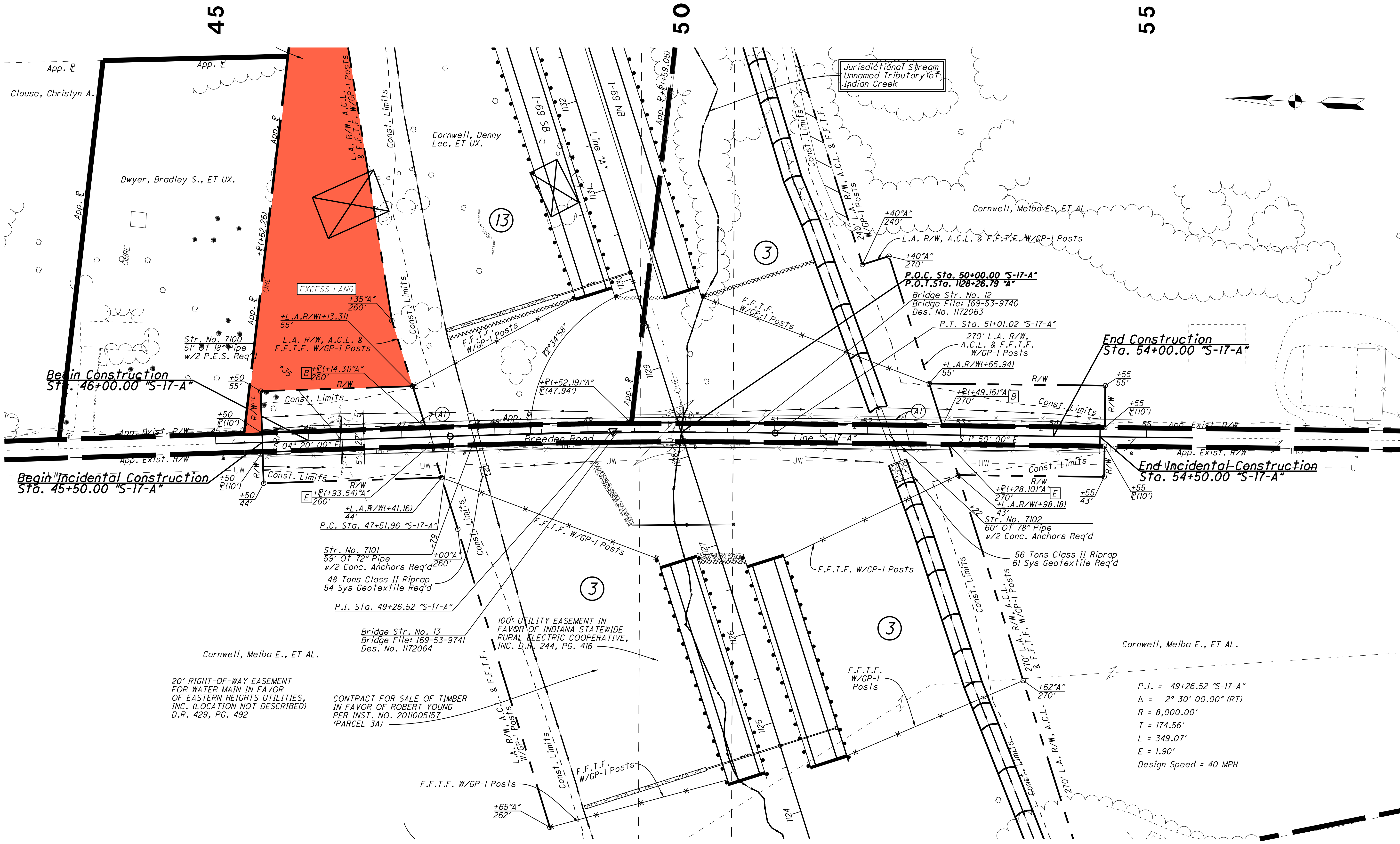
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1" = 50'			
VERTICAL SCALE		DESIGNATION	
		1006076	
SURVEY BOOK		PAGE	SHEETS
ELECTRONIC / AERIAL		PP-18	63 of 71
CONTRACT		PROJECT	
IP-23739		1006076	



RECOMMENDED FOR APPROVAL	
DESIGN ENGINEER	DATE
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
PROFILE SHEET Sta. 1253+00 to Sta. 1268+00 "A"	

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE
VERTICAL SCALE 1" = 10'	DESIGNATION 1006076
SURVEY BOOK ELECTRONIC / AERIAL	PAGE PS-18
CONTRACT IR-33739	SHEETS 64 of 71
	PROJECT 1006076



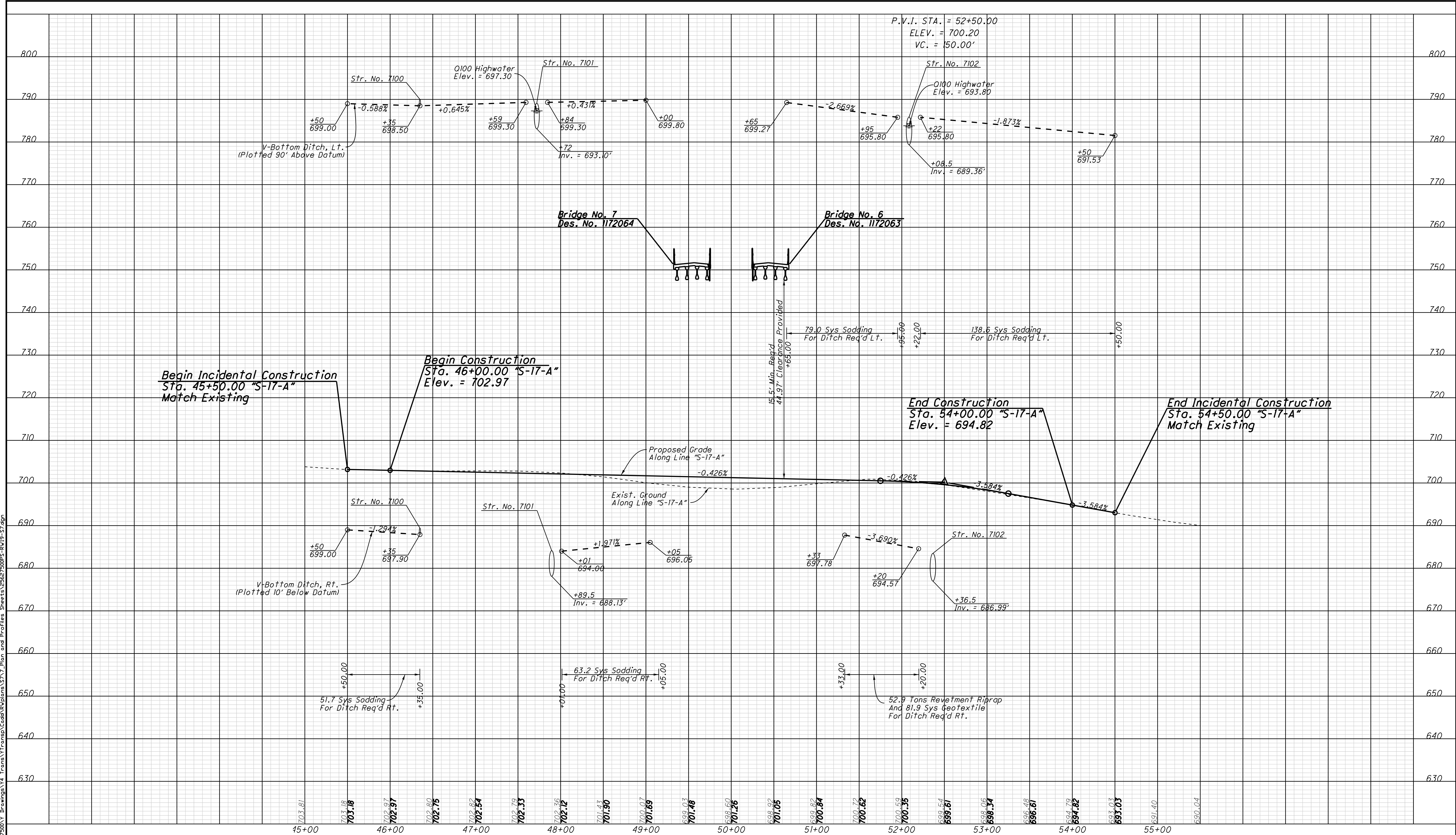
Note:
All R/W Described From Line "S-17-A" Unless Otherwise Noted

Legend	
	Begin L.A. R/W
	End L.A. R/W
	Do Not Disturb Trees

RECOMMENDED FOR APPROVAL	
DESIGNED: CP	DRAWN: ETD
CHECKED: AJD	CHECKED: JAC

INDIANA DEPARTMENT OF TRANSPORTATION	
RIGHT OF WAY PLANS	
Sta. 45+50 to Sta. 54+50 "S-17-A"	

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	
VERTICAL SCALE	DESIGNATION
	1006076
SURVEY BOOK	PAGE
ELECTRONIC / AERIAL	PP-19
CONTRACT	PROJECT
IR-33739	1006076



DATE: 5/8/2012
TIME: 1:59:51 PM
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RECOMMENDED FOR APPROVAL		DESIGN ENGINEER		DATE	
DESIGNED: CP		DRAWN: ETD			
CHECKED: AJD		CHECKED: JAC			


INDIANA	
DEPARTMENT OF TRANSPORTATION	


PROFILE SHEET	
Sta. 45+50 to Sta. 54+50 "S-17-A"	


HORIZONTAL SCALE		BRIDGE FILE	
1" = 50'		DESIGNATION	
VERTICAL SCALE		1006076	
1" = 10'			

SURVEY BOOK		PAGE		SHEETS	
ELECTRONIC / AERIAL		PP19		66 of 71	
CONTRACT		PROJECT			
IR-33739		1006076			

Legend

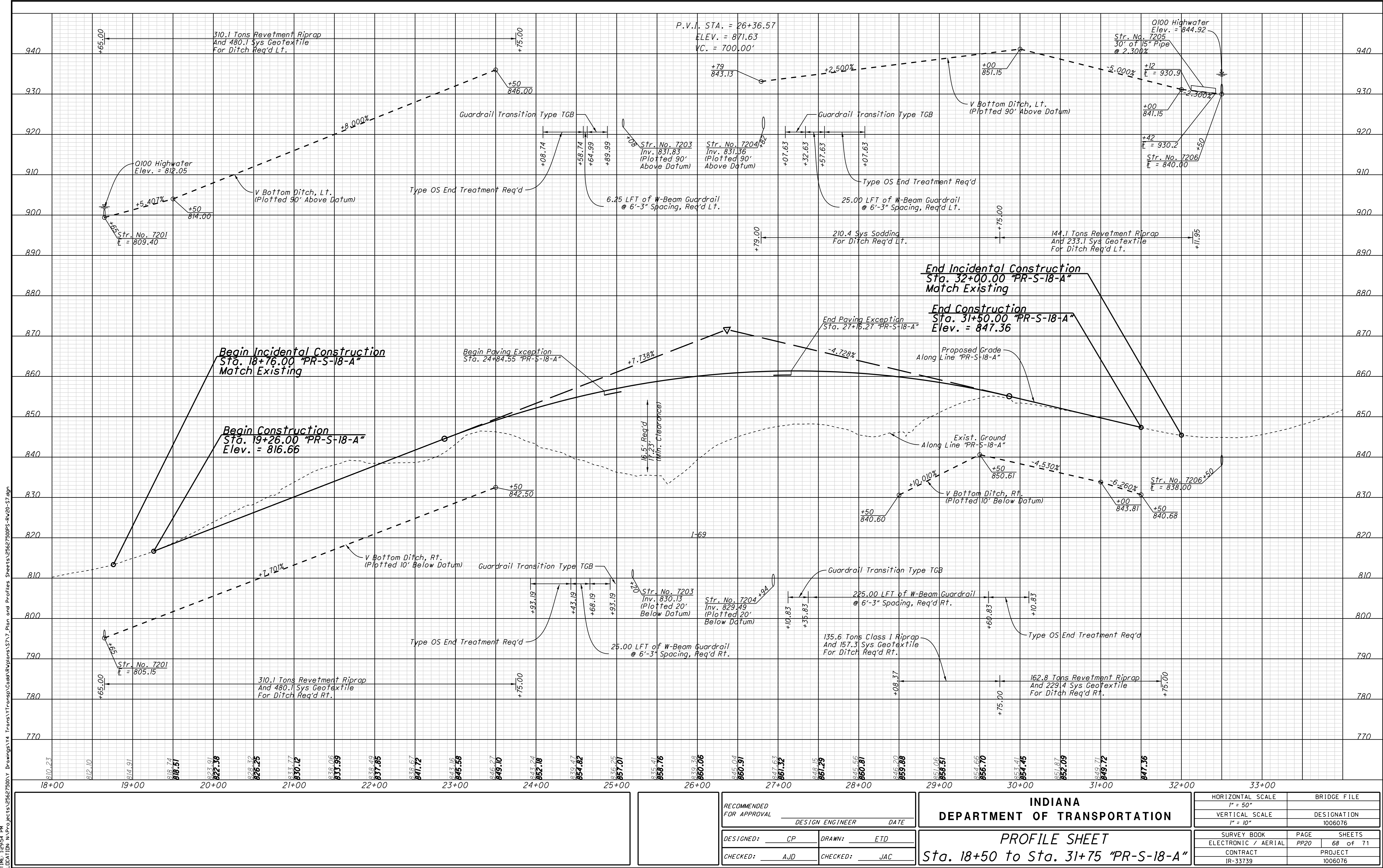
 *Begin L.A. R/W*

 *End L.A. R/W*

 *Do Not Disturb Trees*

INDIANA DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY PLANS Sta. 18+50 to Sta. 37+75 "PR-S-18-A"

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	1006076	
SURVEY BOOK	PAGE	SHEETS
ELECTRONIC / AERIAL	PP-20	67 of 71
CONTRACT	PROJECT	
IR-33739	1006076	





<u>Legend</u>	
B	Begin L.A. R/W
E	End L.A. R/W

INDIANA DEPARTMENT OF TRANSPORTATION
<i>RIGHT OF WAY PLANS</i> <i>LINE "S-16-A"</i>

HORIZONTAL SCALE	BRIDGE FILE	
1" = 50'		
VERTICAL SCALE	DESIGNATION	
	1006076	
SURVEY BOOK	PAGE	SHEETS
ELECTRONIC / AERIAL	PP-21	69 of 71
CONTRACT	PROJECT	
IR-33739	1006076	

PAVEMENT QUANTITIES AND APPROACH TABLE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	HMA FOR APPROACHES, TYPE A		HMA FOR APPROACHES, TYPE B			QA/QC PCCP, 10.5 in.	QA/QC PCCP, 8.5 in.	9" SUBBASE FOR PCCP	D-1 CONTRACTION JOINTS	HMA MATERIALS														WIDENING WITH HMA, TYPE B			HMA MATERIAL FOR TACK COAT	COMPACTED AGGREGATE NO. 53	COMPACTED AGGREGATE FOR BASE NO. 53	COMPACTED AGGREGATE FOR SURFACE NO. 73		SUBGRADE TREATMENT, TYPE IA	SUBGRADE TREATMENT, TYPE IC	SUBGRADE TREATMENT, TYPE IIA	SUBGRADE TREATMENT, TYPE IIIA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
						HMA SURFACE, TYPE A	HMA INTERMEDIATE TYPE A	HMA SURFACE, TYPE B	HMA INTERMEDIATE TYPE B	HMA BASE, TYPE B					LBS. PER SYD.					LBS. PER SYD.									LBS. PER SYD.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
															165	495	165	385		165	165	275	330	275	250	385	660	495	660	330	385									165	275	165	275	660	4 IN.	SYS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
						TONS		TONS		TONS					TONS	TONS	SYS	SYS	CYS	LFT	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS						TONS			TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS

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TIME: 1:59:58 PM
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RECOMMENDED
FOR APPROVAL

DESIGNED: CP
CHECKED: AJD

DRAWN: ETD
CHECKED: JAC

DESIGN ENGINEER
DATE

INDIANA
DEPARTMENT OF TRANSPORTATION

APPROACH TABLE - PCCP ALTERNATE

HORIZONTAL SCALE
VERTICAL SCALE

BRIDGE FILE
DESIGNATION
1006076

SURVEY BOOK
ELECTRONIC / AERIAL
CONTRACT
IR-33739

PAGE
AT-02
PROJECT
1006076

SHEETS
70 of 71

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	HMA FOR APPROACHES, TYPE A		HMA FOR APPROACHES, TYPE B			QA/QC PCCP, 10.5 in.	QA/QC PCCP, 8.5 in.	9" SUBBASE FOR PCCP	D-1 CONTRACTION JOINTS	HMA MATERIALS														WIDENING WITH HMA, TYPE B			HMA MATERIAL FOR TACK COAT	COMPACTED AGGREGATE NO. 53	COMPACTED AGGREGATE FOR BASE NO. 53	COMPACTED AGGREGATE FOR SURFACE NO. 73		SUBGRADE TREATMENT, TYPE IA	SUBGRADE TREATMENT, TYPE IC	SUBGRADE TREATMENT, TYPE IIA	SUBGRADE TREATMENT, TYPE IIIA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
						HMA SURFACE, TYPE A	HMA INTERMEDIATE TYPE A	HMA SURFACE, TYPE B	HMA INTERMEDIATE TYPE B	HMA BASE, TYPE B					LBS. PER SYD.						LBS. PER SYD.								LBS. PER SYD.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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TIME: 1:30:06 PM
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RECOMMENDED
FOR APPROVAL

DESIGNED: CP
CHECKED: AJD

DRAWN: ETD
CHECKED: JAC

INDIANA
DEPARTMENT OF TRANSPORTATION

APPROACH TABLE - HMA ALTERNATE

HORIZONTAL SCALE
N/A

VERTICAL SCALE
N/A

SURVEY BOOK
ELECTRONIC / AERIAL

PAGE
47-01

SHEETS
71 of 71

BRIDGE FILE
DESIGNATION
1006076

PROJECT
IR-33739